



Eastern Arizona College

**2025-2026 Catalog**

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## ENROLLMENT

**EASTERN ARIZONA COLLEGE IS A PLACE** where you'll make friends easily and feel at home instantly. Small class sizes and highly qualified, committed instructors ensure a quality education. And outside the classroom, opportunities for personal growth and enrichment abound. Whatever direction you take, there's no better starting point than Eastern.

EAC's ethnically diverse student body represents more than 50 states and territories and 19 foreign countries.

### HOW DO I ENROLL FOR THE FIRST TIME AT EAC?

Becoming a student at EAC is easy! If you've never attended Eastern Arizona College, you are admitted by establishing a record at EAC.

You can complete and submit the Admissions Application over the Web at [Apply to Eastern Arizona College - Eastern Arizona College](#).

Contact the Admissions and Registration Office at (928) 428-8270 or 1-800-678-3808, Ext. 8270 for more information.

Due to AZ law, all students are classified as out-of-state for tuition purposes until the student has submitted citizenship (Prop 300 or Prop 308) documents and AZ residency documents to the Admissions and Registration Office. For more information see pages 19-22.

In addition, students will need to submit their official high school transcript to the Admissions and Registration Office for athletic eligibility, financial aid verification, scholarship eligibility, and course placement.

With very few exceptions, all classes at EAC have a 14 year minimum age requirement. Students younger than 14 may seek permission to participate in classes by petitioning the Academic Standards and Appeals Committee.

The act of enrolling in courses at the College indicates you agree to be subject to all the requirements, policies, and regulations in the College Catalog and Student Handbook, and agree to establish a permanent college academic record. You further acknowledge that in order to be admitted to other colleges or universities you may be required to send this academic record to those institutions. Your enrollment also certifies your understanding that the content of EAC courses is designed for adult students and if you are a younger student, you may feel constrained from participating in class discussions due to the maturity and age of other students and the subject matter being discussed.

We will be happy to evaluate your credits earned at other colleges or universities. You will need to have an evaluation completed if you:

- Want to receive credit for prior college work, or
- Need to show that prerequisites have been met, or
- Will be participating in intercollegiate athletics at EAC and need to establish eligibility.

Arrange for an official transcript to be sent directly to the EAC Admissions and Registration Office from every college you have attended.

### SOAR DAYS

Once admitted, students are encouraged to attend a SOAR (Student Orientation for Academic Registration) Day.

SOAR Days include:

- Meeting with an academic Advisor.
- Workshops to prepare for the first semester.
- A tour of campus.
- Lunch at Gila Hank's Cafe.

Benefits of S.O.A.R

- Greater choice of class times.
- Confirmation of classes needed for selected major.
- Attending SOAR Days ensures you'll be 100% ready for college!

### MONSTER BRIDGE

Monster Bridge is a semester-long 1-credit course, beginning with a new student orientation experience before school starts and continuing through the rest of the semester. Attending college is much more than just going to class and getting good grades. Monster Bridge will give you a guided experience in helping to determine what your career plans and goals are, what programs and courses are available at Eastern Arizona College to help you achieve those goals and then what degree program and class schedule will get you there as quickly and efficiently as possible. It will also help you discover the resources and people that can help you have a positive experience in your first semester at EAC, including participating in events of all kinds all across campus such as sporting events, musical and theatrical performances, art shows, ASEAC campus events and so much more!

Monster Bridge will teach you how to:

- Navigate campus and find classrooms.
- Meet new people, including college administration, staff and faculty.
- Discover academic support services.
- Discover social activities for students.
- Find new interests and educational opportunities.
- Have an amazing college experience at Eastern Arizona College!

### ACADEMIC ADVISING AND REGISTRATION

**Who Should Seek Advising and Registration Assistance?**

- **New students**
- **Degree-seeking students**
- **Students planning to transfer to another college or university**
- **Students unsure of their major**

#### Services Offered

- **Academic Advising:** Academic and Faculty Advisors can assist you in identifying your academic goals and develop an educational plan.
- **Registration Assistance:** Advisors can help you learn how to use [my.eac.edu/cmportal](#)/account for class registration.
- **Academic Support:** Advisors will guide you on how to access the tools necessary for your academic success.

#### How to Make an Appointment

- **Phone:** (928) 428-8253 or 1-800-678-3808, Ext. 8253
- **Email:** [advising@eac.edu](mailto:advising@eac.edu)

If you have any specific questions or need further assistance, feel free to ask!

## READING, ENGLISH AND MATH PLACEMENT

**Course Placement.** At Eastern Arizona College, we champion student success; correct course placement is a key component of success. EAC requires assessment of competency in reading, writing and mathematics, through placement testing, which can identify strengths as well as areas that need improvement prior to a student enrolling in college level courses.

Choose one of the following:

- **Placement Testing:**  
Accuplacer Next Gen placement test
- **Multiple Measures for College Readiness:**
- **High School Transcripts**
  - Must be no more than five years old.
  - Must show 2+ years of completed high school coursework
- **ACT and SAT Score Reports:**
  - Must be no more than five years old.
- **Transcripts from Other Colleges or Universities:**
  - Accepted for students who have previously attended other institutions.

### Demonstrating Reading Proficiency

To meet the reading proficiency requirements for many courses and programs at EAC, you can use one of the following methods:

1. **Coursework:**
  - Earn a grade of "C" or better in **ENG 091**.
2. **Placement Test:**
  - Achieve a minimum score of **250** on the Next Gen Reading placement test.
3. **College Credits:**
  - Transfer at least **9** general education credit hours from a regionally accredited college or university.
4. **Standardized Tests:**
  - Achieve a minimum score of **18** on the reading portion of the **ACT**.
  - Achieve a minimum score of **480** on the Evidence-Based Reading & Writing portion of the **SAT** (taken within the last 5 years).
5. **High School GPA:**
  - Have a cumulative GPA of **3.0**.

### Math and English Skills Assessment

Students who intend to enroll in English, math or general education courses for the first time may be required to take the English and math skills assessments prior to enrollment. In place of assessment, multiple measures may be utilized to correctly place students in these courses.

### Scheduling Placement Testing

Placement assessments are by appointment during regular business hours on the Thatcher campus. To schedule Placement Testing go to [Eastern Arizona College, Testing Center Exam Selection | RegisterBlast](#) If you are from out of the area, you may schedule a remote testing session. For more information, contact the EAC Testing Center at (928) 428-8491 or 1-800-678-3808, Ext. 8491 or email [testingcenter@eac.edu](mailto:testingcenter@eac.edu).

## INTERNATIONAL STUDENTS

Eastern Arizona College is authorized under Federal law to enroll nonimmigrant students. Notice will be sent to the student indicating either acceptance or denial after the Admissions and Registration Office has received all of the following items. Contact the Admissions and Registration Office to obtain forms and more information. All items need to be received by July 1 for fall semester and by October 15 for spring semester.

- International Student Admissions Form
- Housing Application (if College housing is desired)
- Housing deposit of \$150 required. This is a refundable fee upon checkout from the dormitories, less damages.
- Official transcript of high school and college work. High school transcripts (or the equivalent) must include signature of school official and clearly indicate a date of graduation. An official translation of your high school record must be submitted. The translation should indicate names of all courses taken, and grades obtained.
- Completed medical examination
- Complete English Proficiency Exam:
  1. Test of English Language as a Foreign Language (TOEFL) - Minimum scores needed are 500 for paper-based test, 173 for computer-based test, and 61 for the internet-based test.
  2. International English Language Testing System (IELTS) - Minimum scores needed are a raw score of 23 and a band score of 6.0.
  3. Accuplacer - Minimum composite score of 224
- Certification of Finances
- Proof of hospitalization insurance  
After being admitted to Eastern Arizona College, the International Student is responsible for completing all Immigration and Naturalization Service (INS) requirements. Students may not enroll in classes at Eastern Arizona College without the I-20 Certificate of Eligibility form on file in the Admissions and Registration Office.
- More specific information about international student admissions is available at the following links:

FAQ - <https://eac.edu/admissions/international/faq.php>

Admissions Procedures - <https://eac.edu/admissions/international/international-admissions-procedures/>

Admissions Paperwork (Adobe Acrobat file) - <https://eac.edu/wpcontent/uploads/2024/02/International-Admissions-Packet.pdf> For more information, see [studyinthestates.dhs.gov](http://studyinthestates.dhs.gov).

## ACADEMIC CALENDAR

### FALL SEMESTER 2025

Registration and drop/add for the Fall 2025 Semester begins March 24, 2025

July 21	Tuition and fee payments due (classes will be cancelled for students with unpaid tuition and fees)
August 11-15	Thatcher Campus faculty advising (appointment suggested – check curriculum pages for advisor contact information)
August 14	Thatcher Campus residence halls open at 9:00 a.m. and food service facilities open at 11 a.m.
August 18	Classes begin Please Note: The last day to withdraw without record and receive a refund for courses that do not meet the entire semester (8/18-12/11) is two days after the start date. Financial aid and scholarship funds available 10 days after the start of the term.
August 22	Last day to register and add classes for semester-length courses
August 25	Last day to withdraw without record and receive refund for semester-length courses
September 1	Labor Day Holiday
October 10	Fair Day Holiday (Columbus Day Observed)
November 11	Veterans Day Holiday
November 26-28	Thanksgiving Holiday (Thatcher Campus food service facilities close November 25th at 6 p.m. and reopens November 29th at 11 a.m.)
December 5	Last day for students to withdraw with a "W" for semester-length courses
December 5	Last day of regular classes
December 8-11	Final Exams (Thatcher Campus food service facilities close December 11th at 6 p.m. Residence halls close December 12 at 9 a.m. Residence halls reopen January 10th at 10 a.m.; Food service facilities reopen January 12th at 11a.m.)
December 11	Semester Ends
December 15	Tuition and fee payments due for Spring 2026 Semester (classes will be cancelled for students with unpaid tuition and fees)
December 19-26	Christmas Holiday - All offices closed
December 31	Scholarship Applications due

## SPRING SEMESTER 2026

Registration and drop/add for the Spring 2026 Semester begins October 20, 2025

December 15	Tuition and fee payments due (classes will be cancelled for students with unpaid tuition and fees)
January 1	New Year's Day Holiday (Observed)
January 5-9	Thatcher Campus faculty advising (appointment suggested – check curriculum pages for advisor contact information)
January 10	Thatcher Campus residence halls open at 10:00 a.m.
January 12	Thatcher Campus food service facilities open at 11a.m.
January 12	Classes begin Please Note: The last day to withdraw without record and receive a refund for courses that do not meet the entire semester (1/12-5/8) is two days after the start date. Financial aid and scholarship funds available 10 days after the start of the term.
January 16	Last day to register and add classes for semester-length courses
January 19	Martin Luther King Jr./Civil Rights Day Holiday
January 20	Last day to withdraw without record and receive refund for semester-length courses
February 16	Presidents' Day Holiday
March 2	Graduation Petitions due (to participate in Commencement)
March 1	Scholarship Applications due
March 16-20	Spring Break (Thatcher Campus food service facilities close March 15th at 6 p.m. and reopen March 22nd at 11 a.m.)
May 1	Last day for students to withdraw with a "W" for semester-length courses
May 1	Last day of regular classes
May 4-7	Final Exams Thatcher Campus food service facilities close May 7th at 6 p.m. Residence halls close May 8th at 9 a.m.)
May 8	Semester Ends
May 8	Commencement Ceremony - 7:30 p.m.

## SUMMER TERM 2026

Registration and drop/add for Summer Term 2026 begins October 20, 2025

May 11	Tuition and fee payments due (classes will be cancelled for students with unpaid tuition and fees)
May 25	Memorial Day Holiday
May 26	Classes Begin for 1st 5-week and 10-week Sessions Financial aid and scholarship funds available 5 days after the start of the term.
May 27	Last day to register and add classes
May 28	Last day to withdraw without record and receive refund
June 26	Last Day to Withdraw with a "W" for 1st 5-week Courses is the last day of class Final Exams given the last day of class
June 29	Classes Begin for 2nd 5-week Session
June 30	Last Day to Register for 2nd 5-week Session Classes
July 1	Last Day to Withdraw Without Record to Receive a Refund for 2nd 5-weeks
July 3	Independence Day Holiday
July 31	Last day to withdraw with a grade of "W" is the last day of class Final Exams given the last day of class

## ACADEMIC CALENDAR SECOND YEAR

### FALL SEMESTER 2026

Registration and drop/add for the Fall 2026 Semester begins March 23, 2026

July 20	Tuition and fee payments due (classes will be cancelled for students with unpaid tuition and fees)
August 10-14	Thatcher Campus faculty advising (appointment suggested – check curriculum pages for advisor contact information)
August 13	Thatcher Campus residence halls open at 9:00 a.m. and food service facilities open at 11 a.m.
August 17	Classes begin Please Note: The last day to withdraw without record and receive a refund for courses that do not meet the entire semester (8/17-12/10) is two days after the start date. Financial aid and scholarship funds available 10 days after the start of the term.
August 21	Last day to register and add classes for semester-length courses
August 24	Last day to withdraw without record and receive refund for semester-length courses
September 7	Labor Day Holiday
October 9	Fair Day Holiday (Columbus Day Observed)
November 11	Veterans Day Holiday
November 25-27	Thanksgiving Holiday (Thatcher Campus food service facilities close November 24th at 6 p.m. and reopens November 28th at 11 a.m.)
December 4	Last day for students to withdraw with a "W" for semester-length courses
December 4	Last day of regular classes
December 7-10	Final Exams (Thatcher Campus food service facilities close December 10th at 6 p.m. Residence halls close December 11th at 9 a.m. Residence halls reopen January 9th at 10 a.m.; Food service facilities reopen January 10th at 11 a.m.)
December 10	Semester Ends
December 14	Tuition and fee payments due for Spring 2027 Semester (classes will be cancelled for students with unpaid tuition and fees)
December 21-28	Christmas Holiday - All offices closed
December 31	Scholarship Applications due

### SPRING SEMESTER 2027

Registration and drop/add for the Spring 2027 Semester begins October 7, 2026

December 14	Tuition and fee payments due (classes will be cancelled for students with unpaid tuition and fees)
January 1	New Year's Day Holiday (Observed)
January 4-8	Thatcher Campus faculty advising (appointment suggested – check curriculum pages for advisor contact information)
January 9	Thatcher Campus residence halls open at 10:00 a.m.
January 11	Thatcher Campus food service facilities open at 11a.m.
January 11	Classes begin Please Note: The last day to withdraw without record and receive a refund for courses that do not meet the entire semester (1/11-5/7) is two days after the start date. Financial aid and scholarship funds available 10 days after the start of the term.
January 15	Last day to register and add classes for semester-length courses
January 18	Martin Luther King Jr./Civil Rights Day Holiday
January 29	Last day to withdraw without record and receive refund for semester-length courses
February 15	Presidents' Day Holiday
March 1	Graduation Petitions due (to participate in Commencement)
March 1	Scholarship Applications due
March 15-19	Spring Break (Thatcher Campus food service facilities close March 14th at 6 p.m. and reopen March 21st at 11 a.m.)
April 30	Last day for students to withdraw with a "W" for semester-length courses
April 30	Last day of regular classes
May 3-6	Final Exams Thatcher Campus food service facilities close May 6th at 6 p.m. Residence halls close May 7th at 9 a.m.)
May 7	Semester Ends
May 7	Commencement Ceremony - 7:30 p.m.

## SUMMER TERM 2027

Registration and drop/add for Summer Term 2027 begins October 7, 2026

May 10	Tuition and fee payments due (classes will be cancelled for students with unpaid tuition and fees)
May 31	Memorial Day Holiday
June 1	Classes Begin for 1st 5-week and 10-week Sessions Financial aid and scholarship funds available 5 days after the start of the term.
June 2	Last day to register and add classes
June 3	Last day to withdraw without record and receive refund
July 2	Last Day to Withdraw with a "W" for 1st 5-week Courses is the last day of class Final Exams given the last day of class
July 5	Independence Day Holiday
July 6	Classes Begin for 2nd 5-week Session
July 7	Last Day to Register for 2nd 5-week Session Classes
July 8	Last Day to Withdraw Without Record to Receive a Refund for 2nd 5-weeks
August 6	Last day to withdraw with a grade of "W" is the last day of class Final Exams given the last day of class

## RESIDENCY

All students are classified as out-of-state for tuition purposes when admitted to Eastern Arizona College. Arizona law requires that any student entering higher education do two things before being classified as in-state for tuition purposes: 1) prove Arizona residency; 2) submit citizenship or qualifying, non-citizenship (Prop 300 or Prop 308) documentation.

Your residency status must be determined before you register and pay fees. It is your responsibility to register under the correct residency. Your residency status will not change automatically, and proper documentation must be filed with the Admissions and Registration Office for review and approval before your residency status will be changed. The new residency classification will not take effect until the following semester. Residency changes are not retroactive.

## ARIZONA RESIDENCY

**State Residency:** No person having his/her domicile elsewhere than in the State of Arizona shall be eligible for classification as an in-state student for tuition purposes. The minimum requirements for residency are:

1. Continuous physical presence in the state for one year
2. Financial independence from out-of-state parents
3. Evidence of intent to establish residency

It is the responsibility of the student to submit AZ residency documents to the Admissions and Registration office either through their Gila Hank account or in person at any campus or location.

Students must submit one of the following documents dated at least one year ago to prove AZ residency:

- Arizona driver's license, permit, or ID card
- Arizona high school transcript
- Dependency as indicated on tax return
- Arizona State Income Tax Return
- Arizona Voter registration
- Tribal document (reservation lies within Arizona)
- Employment history in Arizona (paystub)

- Automobile registration
- Transfer of major banking services to Arizona

## PROP 300 - CITIZENSHIP

In 2006, Arizona voters passed Prop 300 which states any student who enrolls in higher education in the state of Arizona must prove citizenship or lawful immigration status in order to receive in-state tuition. In addition, anyone who has not proven Prop 300 is ineligible to receive in-state tuition rates.

You can find a list of appropriate documentation at <https://eac.edu/academics/proposition-300/>. Students may submit Prop 300 documentation through their Gila Hank account or in person at any campus or location.

## PROP 308 - NON-RESIDENT TUITION

In 2022, Arizona voted to support Proposition 308, which allows for qualifying, non-citizen Arizona high school graduates, other than the nonimmigrant aliens described under 8 U.S. Code § 1101(a)(15), to receive in-state tuition at Arizona universities and community colleges.

To be eligible to receive in-state tuition, students must meet these qualifications:

1. Attended any public or private high school option or home school equivalent while physically present in AZ for at least two years.
2. Graduated from any AZ public or private high school or home school equivalent in AZ or obtained a high school equivalency diploma (G.E.D.) in AZ.

Students must submit an official high school transcript. High school transcripts (or the equivalent) must include signature of school official and clearly indicate a date of graduation.

High school equivalency diploma (G.E.D.) Student must submit an official G.E.D. transcript and an official AZ high school transcript indicating two years of attendance.

In accordance with state regulation we have published below Arizona Revised Statute §15-1802, §15-1803 and the definitions provided in A.R.S. §15-1801.

## ARIZONA REVISED STATUTE §15-1801 DEFINITIONS

**Armed forces of the United States** means the army, the navy, the air force, the marine corps, the coast guard, the commissioned corps of the United States public health services, the national oceanographic and atmospheric administration, the national guard and any military reserve unit of any branch of the armed forces of the United States.

**Continuous attendance** means enrollment at an educational institution in this state as a full-time student, as such term is defined by the governing body of the educational institution, for a normal academic year since the beginning of the period for which continuous attendance is claimed. Such person need not attend summer sessions or any other intercession beyond the normal academic year in order to maintain continuous attendance.

**Domicile** means a person's true, fixed and permanent home and place of habitation. It is the place where he intends to remain and to which he expects to return when he leaves without intending to establish a new domicile elsewhere.

**Emancipated person** means a person who is neither under a legal duty of service to his parent nor entitled to the support of such parent under the laws of this state.

**Parent** means a person's father or mother, or if one parent has custody, that parent, or if there is no surviving parent or the whereabouts of the parents are unknown, then a guardian of an unemancipated person if there are not circumstances indicating that such guardianship was created primarily for the purpose of conferring the status of an in-state student on such unemancipated person.

## ARIZONA REVISED STATUTE §15-1802 IN-STATE STUDENT STATUS

1. Except as otherwise provided in this article, a person having a domicile elsewhere than in this state is not eligible for classification as an in-state student for tuition purposes.
2. A person is not entitled to classification as an in-state student until the person is domiciled in this state for one year, except that a person whose domicile is in this state is entitled to classification as an in-state student if the person meets one of the following requirements:
  - a. The domicile of the person's parent is in this state and the parent is entitled to claim the person as an exemption for state and federal tax purposes.
  - b. The person is an employee of an employer that transferred the person to this state for employment purposes or the person is the spouse of such an employee.
  - c. The person is an employee of a school district in this state and is under contract to teach on a full-time basis or is employed as a full-time non certified classroom aide at a school within that school district. For the purposes of this paragraph, the person is eligible for classification as an in-state student only for courses necessary to complete the requirements for certification by the state board of education to teach in a school district in this state. A member of the person's family is not eligible for classification as an in-state student if the person is eligible for classification as an in-state student pursuant to this paragraph, unless the family member is otherwise eligible for classification as an in-state student pursuant to this section.
  - d. The person's spouse has established domicile in this state for at least one year, has demonstrated intent and financial independence and is entitled to claim the student as an exemption for state and federal tax purposes or the person's spouse was temporarily out of state for educational purposes but maintained a domicile in this state. If the person is a noncitizen, the person must be in an eligible visa status pursuant to federal law to classify as an in-state student for tuition purposes.
3. The domicile of an unemancipated person is that of the person's parent.
4. Any unemancipated person who remains in this state when the person's parent, who had been domiciled in this state, removes from this state is entitled to classification as an in-state student until attainment of the degree for which the person is currently enrolled, as long as the person maintains continuous attendance.
5. A person who is a member of the armed forces of the United States and who is stationed in this state pursuant to military orders or who is the spouse or a dependent child as defined in section 43-1001 of a person who is a member of the armed forces of the United States and who is stationed in this state pursuant to military orders is entitled to classification as an in-state student. A spouse or a dependent child does not lose in-state student classification under this subsection if the spouse or dependent child qualifies for in-state tuition classification at the time the spouse or dependent child is accepted for admission to a community college under the jurisdiction of a community college district governing board or a university under the jurisdiction of the Arizona board of regents. The student, while in continuous attendance toward the degree for which currently enrolled, does not lose in-state student classification.
6. A person who is a member of the armed forces of the United States or the spouse or a dependent as defined in section 43- 1001 of a member of the armed forces of the United States is entitled to classification as an in-state student if the member of the armed forces has claimed this state as the person's state of legal residence for at least twelve consecutive months before the member of the armed forces, the spouse or the dependent enrolls in a university under the jurisdiction of the Arizona board of regents or a community college under the jurisdiction of a community college district governing board. For the purposes of this subsection, the requirement that a person be domiciled in this state for one year before enrollment to qualify for in-state student classification does not apply.
7. A person holding an honorable discharge from the uniformed services of the United States from either active duty or reserve or national guard status, or who has retired from active duty or reserve or national guard status, shall be granted immediate classification as an in-state student and, while continuously enrolled, does not lose in-state student classification if the person has demonstrated objective evidence of intent to be a resident of Arizona that, for the purposes of this section, includes at least one of the following:
  - Registration to vote in this state
  - An Arizona Driver's License
  - Arizona Motor Vehicle Registration
  - Employment History in Arizona
  - Transfer of major banking services to Arizona
  - Change of permanent address on all pertinent records.
  - Other materials of whatever kind or source relevant to domicile or residency status
8. A person who is a member of an Indian tribe recognized by the United States department of the interior whose reservation land lies in this state and extends into another state and who is a resident of the reservation is entitled to classification as an in-state student.
9. A person who has participated in the AmeriCorps program or the volunteers in service to America program for at least one year in this state is entitled to classification as an in-state student.
10. A person who meets any of the following requirements is entitled to immediate classification as an in-state student classification if the person has demonstrated objective evidence of intent to be a resident of this state that, for the purposes of this section, includes at least one of the following:
  - Registration to vote in this state
  - An Arizona Driver's License
  - Arizona Motor Vehicle Registration
  - Employment History in Arizona
  - Transfer of major banking services to Arizona
  - Change of permanent address on all pertinent records.
  - Other materials of whatever kind or source relevant to domicile or residency status
  - a. The person is a veteran as defined in title 38 of the United States Code who, while using educational assistance under 38 United States Code chapter 30, 31, 33 or 35, enrolls in a university under the jurisdiction of the Arizona board of regents or a community college under the jurisdiction of a community college district governing board after the veteran's discharge from active duty service of ninety or more days.
  - b. The person does not meet the requirements prescribed in paragraph 3 or 4 of this subsection and, while using educational assistance under 38 United States Code chapter 30, 31, 33 or 35, enrolls in a university under the jurisdiction of the Arizona board of regents or a community college under the jurisdiction of a community college district governing board after the veteran's discharge from active duty service of ninety or more days
  - c. The person, while using benefits under the Marine Gunnery Sergeant John David Fry Scholarship prescribed in 38 United States Code section 3311(b)(9), enrolls in a university under the jurisdiction of the Arizona board of regents or a community college under the jurisdiction of a community college district governing board.

- d. The person, while using transferred Post/911 G.I. Bill benefits pursuant to 38 United States Code section 3319 during a time in which the transferor is a member of the uniformed services serving on active duty, enrolls in a university under the jurisdiction of the Arizona board of regents or a community college under the jurisdiction of a community college district governing board.
- e. The person is otherwise described in 38 United States Code section 3679(c).

## ARIZONA REVISED STATUTE §15-1803 ALIEN IN-STATE STUDENT STATUS

1. An alien is entitled to classification as an in-state refugee student if the person has been granted refugee status in accordance with all applicable laws of the United States and has met all other requirements for domiciles.
2. Notwithstanding any other law, a student, other than a nonimmigrant alien as described in 8 United States Code section 1101(a)(15), who meets both of the following requirements is eligible for in-state tuition at any university under the jurisdiction of the Arizona board of regents or at any community college as defined in section 15-1401:
  - a. Attended any public or private high school option or home school equivalent pursuant to section 15-802 while physically present in this state for at least two years.
  - b. Graduated from any public or private high school option or home school equivalent pursuant to section 15-802 while physically present in this state or obtained a high school equivalency diploma in this state.
3. Persons without lawful immigration status are eligible for in-state tuition pursuant to subsection B of this section.

## PRESUMPTIONS RELATING TO STUDENT STATUS

Unless the contrary appears to the satisfaction of the Registrar, it shall be presumed that:

- No emancipated person has established a domicile in this state while attending any higher educational institution in this state as a full-time student in the absence of a clear demonstration to the contrary.
- Once established, a domicile is not lost by mere absence unaccompanied by intention to establish a new domicile.
- A person who has been domiciled in this state immediately prior to becoming a member of the armed forces of the United States shall not lose in-state status by reason of such person's presence in any other state or country while a member of the armed forces of the United States.

## EVIDENCE OF DOMICILE

Any student who has attended EAC as an out-of-state student for tuition purposes must fill out a domicile affidavit in order to change their residency status. Domicile affidavits must be submitted prior to the start of the term that students want to change their residency classification. If a domicile affidavit is received after the start of the term, the residency change will go into effect the following semester. Residency changes are not retroactive.

1. The affidavit must be signed by the student and filed with the Admissions and Registration Office in order to verify domicile.
2. A student must turn in two pieces of documentation showing AZ residency. Any of the following may be used in determining a student's domicile in Arizona (must be dated at least 1 year):
  - AZ Income tax return
  - AZ Voter registration
  - AZ Automobile registration
  - AZ Driver's license
  - Graduation from an AZ high school
  - Source of financial support
  - Dependency as indicated on Federal income tax return
  - Ownership of real property
  - Bank accounts
  - Other relevant information

## OUT OF COUNTY RESIDENCY

Arizona residents from counties in which there is no established community college district (Apache and Greenlee) may enroll in credit classes at Eastern Arizona College without payment of out-of-county charges. General tuition and fees are still payable.

## RESIDENCY REVIEW

If we classify you as a non-resident for tuition purposes and you disagree, you may request a review by a Residency Review Committee. Your request must be written, signed by you, and accompanied by a sworn statement of all facts relative to the matter. You must file your request for review with the Registrar of the College within ten days of the time you receive notification from us of your classification as a non-resident. If you don't properly file a request within this ten-day period, you waive review for the current enrollment period. You will receive written notice of the date, time and place of the Residency Review Committee meeting and you have the right to appear and be represented by the advisor of your choice and at your expense. You or your advisor, but not both, may examine and cross-examine witnesses and summarize the evidence. The decision of the Residency Review Committee is final.



**GILZA**  
**MONSTERS**

## TUITION AND FEES

### TUITION AND FEES FOR 2025-2026

The exact amount you will spend on college expenses will depend on your class schedule (textbooks needed, fees, etc.) and your housing and meal arrangements. Below is an estimate of the costs per semester, based on enrollment in 15 credit hours.

	Arizona Residents	Out-of-state Non-resident	Students from WUE States
General Tuition and Fees (100 & 200 level courses)	\$1,470	\$1,470	\$1,470
Books & Incidentals	600*	600*	600*
Room & Meals**	1,800*	1,800*	1,800*
Out-of-State Tuition	NA	4,500	735
TOTAL:	\$3,870*	\$8,370*	\$4,605*

	Arizona Residents	Out-of-state Non-resident	Students from WUE States
General Tuition and Fees (300 & 400 level courses)	\$2,205	\$2,205	\$2,205
Books & Incidentals	600*	600*	600*
Room & Meals**	1,800*	1,800*	1,800*
Out-of-State Tuition	NA	4,500	1,102.50
TOTAL:	\$4,605*	\$9,105*	\$5,707.50*

\*These are estimated costs and subject to annual change.

\*\*Meal Plan C: \$500 declining balance, double occupancy room (least expensive option).

### REFUNDABLE TUITION AND FEES FOR 2025-2026 (100 & 200 LEVEL COURSES)

Credit Hours	Arizona Residents*	Out-of-state Non-resident	Students from WUE States
1	\$98	\$398	-
2	\$196	\$796	-
3	\$294	\$1,194	-
4	\$392	\$1,592	-
5	\$490	\$1,990	-
6	\$588	\$2,388	-
7	\$686	\$2,786	-
8	\$784	\$3,184	-
9	\$882	\$3,582	-
10	\$980	\$3,980	-
11	\$1,078	\$4,378	-
12	\$1,176	\$4,776	\$1,764
13	\$1,274	\$5,174	\$1,911
14	\$1,372	\$5,572	\$2,058
15 & over	\$1,470	\$5,970	\$2,205
Audit Fee**			\$35 per credit hour
High School / Dual Enrollment Tuition***			\$70 per credit hour
Non-Credit Course Fee**			\$45 per credit hour

Notes:

- (1) Total general tuition and fees charge is \$98 a credit hour up to a maximum of \$1,470.
- (2) Tuition may be charged at \$49 per 1/2 credit or less. Additional out of state at \$150 per 1/2 credit or less.
- (3) Misc fees as may be necessary to meet special program requirements.
- (4) Proposed rate targets O/S tuition at not less than 100% of actual 2022-23 operating cost per FTSE, less general tuition at 2022-23 rates.
- (5) Fee is in addition to general tuition and fees.
- (6) In addition to general tuition and fees, O/S tuition and fees charge is \$300/CH up to a maximum of \$4,500.
- (7) In addition to general tuition and fees, charged in lieu of O/S for students from WUE states and Texas.

\*\*Per credit hour, in addition to General Tuition.

\*\*\*No maximum credit hour cap

REFUNDABLE TUITION AND FEES FOR 2025-2026 (300 & 400 LEVEL COURSES)

Credit Hours	Arizona Residents*	Out-of-state Non-resident	Students from WUE States
1	\$147	\$447	-
2	\$294	\$894	-
3	\$441	\$1,341	-
4	\$588	\$1,788	-
5	\$735	\$2,235	-
6	\$882	\$2,682	-
7	\$1,029	\$3,129	-
8	\$1,176	\$3,576	-
9	\$1,323	\$4,023	-
10	\$1,470	\$4,470	-
11	\$1,617	\$4,917	-
12	\$1,764	\$5,364	\$2,646
13	\$1,911	\$5,811	\$2,866.50
14	\$2,058	\$6,258	\$3,087
15 & over	\$2,205	\$6,705	\$3,307.50
Audit Fee**			\$35 per credit hour
High School / Dual Enrollment Tuition***			\$147 per credit hour
Non-Credit Course Fee**			\$45 per credit hour

Notes:

- (1) Total general tuition and fees charge is \$147 a credit hour up to a maximum of \$2,205.
- (2) Tuition may be charged at \$73.50 per 1/2 credit or less. Additional out of state at \$150 per 1/2 credit or less.
- (3) Misc fees as may be necessary to meet special program requirements.
- (4) Proposed rate targets O/S tuition at not less than 100% of actual 2022-23 operating cost per FTSE, less general tuition at 2022-23 rates.
- (5) Fee is in addition to general tuition and fees.
- (6) In addition to general tuition and fees, O/S tuition and fees charge is \$300/CH up to a maximum of \$4,500.
- (7) In addition to general tuition and fees, charged in lieu of O/S for students from WUE states and Texas.

\*\*Per credit hour, in addition to General Tuition.

\*\*\*No maximum credit hour cap

**NONREFUNDABLE FEES FOR 2025-2026**

Allied Health/Nursing:	
Nursing lab fee	\$415 per term
Nursing testing/resource fee	\$110 per term
Nursing course fee	\$575 per term
EMT lab fee	\$40 per credit hour
EMT 103 lab fee	\$230
Paramedic lab fee (EMT 210 & 212)	\$525 per term
Paramedic lab fee (EMT 214)	\$475 per term
Check returned fee:	
1st time	\$30
Additional	\$35
CLEP administrative fee	\$20
Course fees (per term):	
Cooking lab fee	\$35
Cosmetology course and supply fees are required and non-refundable	
Jewelry course fee	\$20
Lapidary course fee	\$20
Lifeguard training fee	\$95
Private music lesson fee	\$385
Personal Training fee	\$617
Welding course fee	\$75
CPR card replacement fee	\$15
Credit by exam (per credit hour, in addition to General Tuition)	\$40
Diploma/Certificate replacement fee	\$20
ID card replacement fee	\$10
Library:	
Overdue books fee	.05 per day
Overdue DVD/CD/videos fee	.50 per day
Overdue reserve books fee	.50 per hour
Miscellaneous activities fees	To be determined
Parking Violation:	
1st Offense	\$10
Additional	\$15
Transcripts:	
Transcript fee	\$10
Exam Fees:	
HVAC Exam	\$20
EPA HVAC Exam	\$35
CDL Exam	\$375
CDL Exam (non-student)	\$550

**HOW AND WHEN DO I PAY MY TUITION AND FEES?**

1. Online via the MyEAC Student Portal (Recommended).
2. By Phone. Dial (928) 428-8221 Option 2 to speak to a cashier.
3. By mail via check or money order (if received after tuition due date, classes may purge).
4. At the Business Administration Office.

You may pay with your Visa, MasterCard, American Express or Discover card online, over the phone and at the Business Administration Office.

You may also mail a check or money order to the following address:

Attn: Cashier  
 Eastern Arizona College  
 615 N. Stadium Ave  
 Thatcher, AZ 85552

## Eastern Arizona College

Please make checks payable to Eastern Arizona College.

Cash payments can be made at the Business Administration Offices located in Thatcher, but are discouraged due to the inherent risks involved in students carrying large sums of money on their person.

Students may also choose to enroll in an online payment plan. Those choosing the payment plan option pay an enrollment fee of \$25 which enables them to spread their tuition, dorm and declining meal plan expenses over several months. Payment plans are only available online through MyEAC. Choose the "My Billing and Payments" link located on the home screen then click the "Payment/Payment Plans" option. Payment plan options include ACH (E-Check) and debit/credit card.

Registration is not complete until all tuition and fees and outstanding debts or balances are paid, or one is successfully enrolled in an online payment plan.

If you expect to receive financial aid, you need to work closely with the Financial Aid and Veterans Services Office. If you are seeking aid for the fall semester, you are advised to begin the application process early the previous spring.

Classes will be automatically cancelled if tuition and fees are not paid by the fourth Monday in July for fall semester and the third Monday in December for spring semester. The Academic Calendar in the catalog specifies the dates by which all fees or financial aid arrangements are due. If payment is not received by these dates, your registration will be cancelled. If your registration is cancelled, you may not be able to get back into all your classes. Don't let this happen to you! Be sure all financial arrangements are made by the date due.

## TUITION WAIVERS

### NEW MEXICO

A tuition reciprocity agreement is made by and between the New Mexico Commission on Higher Education and Eastern Arizona College (and other community colleges in Arizona). The purpose of the agreement is to enable selected students from New Mexico to enroll at designated institutions of higher education in the State of Arizona with authorization to pay Arizona resident undergraduate tuition rates, and to enable an equal number of selected students from the State of Arizona to enroll at Western New Mexico University in New Mexico with authorization to pay New Mexico resident undergraduate tuition rates.

There are a limited number of tuition fee waivers for residents of New Mexico who wish to attend Eastern Arizona College. To be eligible for consideration, you must:

- Be a resident of New Mexico.
- Declare a Program of Study/Major
- Fill out a New Mexico Out-of-State Tuition Waiver Application
- Maintain full-time student status while on the waiver, completing at least 12 credit hours at a minimum 2.0 GPA per semester
- For priority consideration, students should register for classes as soon as possible prior to the semester of attendance.

All students must fulfill Prop 300 and residency to be eligible.

Valid and current supporting documentation from your state of residence must accompany your New Mexico application:

- Drivers license
- Motor vehicle registration
- State income tax return for previous year
- High school transcript
- Property ownership document
- Dependency status indicated on parent's federal income tax return from previous year
- Bank statement addressed to your state of residency

New Mexico students are not eligible to establish Arizona Residency to in-state tuition purposes until one year after discontinuing the New Mexico Waiver.

### SENIOR CITIZEN

Senior Citizens who are at least age 55 are eligible for a tuition waiver. To receive the waiver, proof of continuous Arizona residency must be provided to the Admissions and Registration Office. You may not have a domicile established in another state pursuant to Arizona Revised Statute §15-1802. All students must fulfill Prop 300 and residency to be eligible. Valid and current supporting documentation include (must be dated at least 1 year ago):

- AZ Driver's license
- AZ Motor vehicle registration
- AZ State income tax return for previous year
- Bank statement or utility bill addressed to your Arizona residence

Senior citizens from out-of-state are eligible to have their in-state portion of tuition waived.

### WESTERN UNDERGRADUATE EXCHANGE (WUE)

WUE is the Western Undergraduate Exchange, a program of the Western Interstate Commission for Higher Education (WICHE). Through WUE, students in western states may enroll in many two-year and four-year college programs at a reduced tuition level: 150% of the institution's resident tuition. To be eligible for consideration, you must:

- Be a legal resident of participating states—Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, and Wyoming - American Samoa, Republic of the Marshall Islands, Federated States of Micronesia, Palau, Commonwealth of the Northern Mariana Islands, and Guam.
- Texas residents, while not officially included in the WICHE consortium, are also invited to attend Eastern Arizona College as WUE eligible.
- Declare a Program of Study/Major
- Maintain full-time student status while on the waiver completing at least 12 credit hours at a minimum 2.0 GPA per semester
- Fill out a WUE Application. All students must fulfill Prop 300 and residency to be eligible.

Valid and current supporting documentation from your state of residence must accompany your WUE application:

- Drivers license
- Motor vehicle registration
- State income tax return for previous year
- High school transcript
- Property ownership document
- Dependency status indicated on parent's federal income tax return from previous year
- Bank statement addressed to your state of residency

### WHAT IS EAC'S REFUND POLICY?

**Tuition and Fees:** Refundable tuition and fees are defined as general tuition and out-of-state tuition. All students who officially withdraw from the College or individual semester-length or short-term courses before the close of registration for the course will receive a full refund. Students who withdraw from classes after the close of registration will not receive a refund. Fees including class, lab and other special or miscellaneous fees are not refundable.

All refunds and deposits that may be due a student will first be applied to debts that the student owes the College. When federal student aid is used to pay for tuition and fees, the refund will be made to the federal fund, not to the student.

Federal regulations require that if you are a federal financial aid recipient and you totally withdraw from the College on or before the 60% point in the enrollment period, you must return a percentage of the federal aid funds disbursed. For example: if you withdraw at the 30% point of the enrollment period, you earn 30% of all aid that could be disbursed. The remaining 70% of the aid is unearned aid and a portion of the 70% may have to be returned. Further information is available at the Financial Aid and Veterans Services Office and/or their web page at <https://eac.edu/current-students/repayment-policy/> or in the disclosures section of this catalog.

**Cancelled Courses:** When the College cancels a course, a full refund will be made for the cancelled course.

**Special Provision Refunds:** Students with extenuating circumstances may petition the Admissions and Academic Standards Appeals Committee for a prorated tuition refund. Petitions are submitted via MyEAC. Extenuating circumstances shall be limited to the following:

1. **Serious illness or injury:** Illness or injury qualifies for a Special Provisions Refund when the condition impeded the student's ability to attend class, submit assignments, or complete scheduled exams in a timely manner and causes the student to fall behind to the extent that the student's performance and grade will be impaired as a direct result of the illness or injury. Written verification is required from the student's physician, on the physician's letterhead, verifying that illness or surgery prevents the student from being able to attend classes, or that attending classes would jeopardize the health of other students in class.
2. **Death of the Student or an immediate family member:** Qualifying family members shall include immediate family members i.e., father, mother, siblings, son, daughter, or spouse. The student must provide a death certificate or an obituary indicating the relationship to the deceased.

Any request for Special Provisions refund must be made in the same academic term as the withdrawal. Requests made after the academic term will not be considered.

Any Special Provisions refund granted will be prorated as follows:

The final withdrawal occurs within the first 25% of the academic term, 75% of tuition refunded.

The final withdrawal occurs within the first 50% of the academic term, 50% of tuition refunded.

The final withdrawal occurs within the first 75% of the academic term, 25% of tuition refunded.

The final withdrawal occurs after 75% of the academic term, no refund shall be made.

The student transcript will continue to show the classes registered for with a grade of "W." "Withdrawal Without Record" (WOR) will not be awarded as this may cause EAC to be out of compliance with Federal Financial Aid.

In the event any federal financial aid monies are to be returned to the government, those returns will be deducted from the refund and the student receives only what may be remaining.

**Other Refunds:** Students who wish to appeal the refund policy may do so by petitioning the Admissions and Academic Standards Appeals Committee. Petitions are submitted via MyEAC.

A student in the Armed Forces or the Arizona National Guard who is called to active duty and assigned to a duty station, verifiable by a copy of the orders, will be allowed to withdraw and receive a full refund of tuition provided courses have not been completed.

A student who receives a Special Provision Refund or Active Duty Refund may also be granted a prorated refund for residence hall and meal ticket expenses.

**Residence Halls Refunds:** For refunds of reservation deposits or room costs, please refer to the "Housing and Dining Facilities" section of this catalog on page 27.

**Meal Plan Refunds:** For refunds of meal plans, please refer to the "Housing and Dining Facilities" section of this catalog on page 28.

**Refund Petitions:** Petitions for waiver of refund policies for residence halls and meal plans may be filed with the Dean of Students. Petition forms can be picked up in the Student Life Office located in the Gerald L. Hoopes Jr. Activities Center, Room 114, or by calling (928) 428-8354 to have a copy sent to you.

## FINANCIAL AID AND VETERAN SERVICES

The Financial Aid and Veteran Services Office's mission is to provide Eastern Arizona College (EAC) students, prospective, current, and past, with prompt, accurate and courteous assistance. Please direct any questions or concerns to [finaid@eac.edu](mailto:finaid@eac.edu).

To help students meet the financial obligations of college attendance, EAC administers a varied and comprehensive financial aid program. Financial aid is designed to bridge the gap between the costs of attending college and what students and their families are expected to contribute. Citizens, or eligible non-citizens of the United States, may apply for assistance regardless of sex, age, color, religion, marital status, national origin, pregnancy-related conditions, handicap, or veteran disability.

The U.S. Department of Education, through EAC, offers three major student financial aid programs:

1. Federal Pell Grant
2. Federal Supplemental Educational Opportunity Grant (FSEOG)
3. Federal Work Study (FWS)

Eastern Arizona College does not participate in the Federal Direct Student Loan program.

A complete description of these programs is available online at [www.studentaid.gov](http://www.studentaid.gov).

To be considered for financial aid, the following is required:

1. Complete an application for admissions, <https://connect.eac.edu/apply/>.
2. Complete the Free Application for Federal Student Aid (FAFSA), resulting in a FAFSA Submission Summary. The FAFSA can be completed on the web at: <https://studentaid.gov/h/apply-for-aid/fafsa>. For tips on how to complete the FAFSA, go to 6 Things You Need Before Filling Out the FAFSA Form: <https://studentaid.gov/articles/filling-out-fafsa/>. To sign this application electronically and access your federal financial aid account in the future, apply for an FSA ID at: <https://studentaid.gov/rsa-id/create-account/launch>.
3. Documentation of information submitted on financial aid applications is required if the FAFSA Processing System (FPS) selects it for a process called verification or EAC has conflicting information.
4. The student meets all other eligibility requirements as established by the U.S. Department of Education, State of Arizona, Eastern Arizona College and/or the funding agency.

Additional information or help is available through the Financial Aid and Veteran Services Office. Please come in or call with your questions. It is important to have the right answer the first time rather than being delayed by inaccurate information. Corrections can be made electronically by the Financial Aid and Veteran Services Office or online at the FAFSA website using your FSA ID.

In general, eligibility for financial aid (Title IV funds) is determined through the following criteria.

- Student demonstrates financial need: when the student's institutional Cost of Attendance (SAI) minus FAFSA results or Student Aid Index (SAI), results in a need. The FAFSA also determines eligibility for Pell Grant.
- Student is enrolled in courses that lead to a declared certificate or degree with a minimum duration of not less than one academic year (30 weeks of instruction) and not less than 16 credit hours.
- Student's total number of credit hours enrolled in each semester.
- Student meets Satisfactory Academic Progress standards as established by Eastern Arizona College, and in compliance with federal regulations.
- Student does not owe an overpayment to a federal grant program.
- Student has not received 600% or 6 years of full-time Pell Grant.
- Student is not in default on a Perkins, FFELP, or FDSL loan.
- Students who have earned a bachelor's degree are not eligible for financial aid at EAC.
- Student has provided EAC with transcripts from all previously attended institutions, and these transcripts have been evaluated by the Registrar.

If a financial need has been demonstrated and the necessary qualifications have been met, assistance in the form of grants, work-study, and/or scholarships may be made. Generally, a "package" of aid or a combination of different types of assistance is awarded.

Because family capabilities vary, each aid award is designed specifically to fit the student's circumstances. All awards are made based on an academic year beginning with the fall semester and ending with the summer Term; so a FAFSA must be completed each year. Students will be notified by Monster e-mail through an "award letter," or it can be accessed through your MyEAC portal under My Financial Aid. The award is based on the availability of funds and may be adjusted at any time.

## FINANCIAL AID DISBURSEMENTS

Financial aid is disbursed to individual student accounts no later than 10 days after the first day of class. Disbursements are generally made once a week within the Business Administration Office. If, after tuition, EAC-approved fees, on-campus food and housing, and other student-authorized charges are paid, and a balance remains, the balance will be refunded to the student by EAC. Students can select how they would like to receive their refund or disbursement (stipend) through their MyEAC account. To choose a printed check or direct deposit option, students should look for "My Billing & Payments," "Make Online Payment," and allow pop-ups in their preferred browser. By selecting "Click here to Make an Online Payment," students will be taken to their MyEAC Transact account. "Payment methods" and "Direct deposit refunds" should be set up by the student to receive any remaining disbursement balances.

## TRANSFER STUDENTS FROM OTHER INSTITUTIONS

If a student transfers to or from one school to another, previous financial aid awards will not automatically transfer. To receive aid at the new school, check with that school's financial aid office to find out what aid programs are available and what steps are required to receive it. Midyear transfer students to EAC must notify the Financial Aid and Veteran Services Office of their transfer status so that required documents can be requested.

Federal regulations require that EAC conduct a process called "Transfer Monitoring" before disbursing financial aid. Academic transcripts from previously attended institutions are also required.

## WORK STUDY

Eastern Arizona College provides many part-time work opportunities for students who have completed a FAFSA and been determined eligible for the Institutional or Federal Work Study Programs. Employment is available in a variety of on-campus and off-campus jobs, including office assistants, lab assistants, library tutors, America Reads tutors, and others. Federal student employment is part of an award package. Institutional student employment is awarded upon hire. Work-study job opportunities can be found on the EAC website at: <https://eac.edu/costs-aid/work-study/>. This website also guides the work-study recipient through the employment process.

## SATISFACTORY ACADEMIC PROGRESS REQUIREMENTS

The Eastern Arizona College (EAC) Financial Aid and Veteran Services Office is required by federal regulations to monitor academic progress toward a degree or certificate for all degree-seeking financial aid applicants. As a result, the Financial Aid and Veteran Services Office reviews grades and attempted coursework of all applicants, whether or not aid was received, prior to the awarding of financial aid and following each period of enrollment. All students receiving financial aid are required to meet the standards listed below. Credit hours earned prior to receiving financial aid are subject to these standards. Students who do not meet these standards will be placed on financial aid warning, probation, or suspension as stated.

## STANDARDS

- Satisfactory academic progress toward a degree or certificate includes maintaining a cumulative grade point average of 2.00 (C), or its equivalent. The student must continue to earn a cumulative GPA of 2.0 throughout the course of attendance. Grade point values are: A = 4.0, B = 3.0, C = 2.0, D = 1.0, F = 0. Passing (P) grades do not count toward GPA but do count as completed coursework.
- Satisfactory academic progress toward a degree or certificate also includes the total number of credit hours attempted each semester. Federal regulations require students to complete their program of study within a 150% time frame. The pace of progress, as established in this policy, requires students to complete a minimum of 67% of attempted credit hours. The completion rate is calculated by earned hours divided by attempted hours equal's completion rate. Transferred credit hours, as determined by the Registrar, will be added to the total hours attempted and earned when calculating the completion rate and the 150% time frame. Anytime a student changes their program, the 150% time frame does not renew.
- Students seeking additional degrees from EAC are limited as follows. After earning a first Associate's degree of any type, a student may earn an additional 30 credit hours toward a second Associate's degree, but may not exceed 96 total credit hours. Students are limited to three certificates. Hours attempted while obtaining any degree count toward the aggregate of 96 credit hours. Students seeking a third Associate's degree or fourth certificate are suspended from receiving Title IV financial aid, even if they have fewer than 96 total credit hours.
- All repeated coursework will be calculated as attempted hours. In accordance with federal regulations, students can repeat a failed course until it is passed. A student can repeat a passed course once to improve the grade. However, once a student earns a degree, a course within the completed degree cannot be repeated for a higher grade.
- The college does not consider Withdrawals (W), Fail (F), or Incomplete (I) as successfully completed coursework when determining the minimum hours completed. Courses dropped without record before the expiration of the add/drop period are not counted against the maximum time frame.
- There is no academic amnesty for financial aid recipients per federal regulations. Academic amnesty is when a student has successfully petitioned for withdrawal without a record to have a Withdrawn or Failing grade removed from the transcript. Financial aid will still count the removed course(s) as attempted credit hours.
- Students may receive federal aid for up to 30 credit hours of remedial coursework. The student must be accepted as a regular student in a degree program and need the remedial coursework to successfully complete the required degree courses. Up to 30 credit hours of remedial coursework will be excluded from the 150% maximum time frame measurement. Remedial coursework does count towards the GPA calculation and the measurement to determine the student's required 67% pace of progress.

## WARNING STATUS

Students who do not comply with either the GPA or minimum credit hour completion ratio will receive a single semester of warning status. During this warning period, the student must improve his/her GPA to a cumulative 2.0 and/or complete and make up deficient credit hours, reaching a 67% completion rate. If a student earns a cumulative GPA that is below 1.0, no warning period will be given. If a student earns 0 credits in a semester, no warning period will be given unless the earned hours divided by the attempted hours is equal to or greater than 67% and a cumulative GPA of 2.0.

## SUSPENSION STATUS

Students who do not achieve a GPA of 2.0 or make up deficient credit hours during a period of warning will be placed on financial aid suspension status. Students who earn a semester GPA of less than 1.0 will be placed on suspension status unless their cumulative grade point average remains a 2.0 or higher. Students who earn 2 or fewer credits during a single semester will be placed on suspension status unless their earned hours divided by attempted hours is equal to or greater than 67%. A transfer student who withdraws from all courses in their first semester at EAC will be placed on suspension status.

## MAXIMUM CREDIT HOURS SUSPENSION

The maximum number of credit hours a student may attempt and still be eligible for financial aid is 150% of the credits required to complete a declared degree, generally 96 credit hours for an associate's degree. This includes credits accepted as transfer to EAC. In keeping with institutional policy, the transferred GPA will not be included in the college's calculation of the institutional GPA. A student will be suspended prior to exceeding the 150% time frame if this time frame is exceeded during the next period of enrollment.

Students completing additional hours beyond the 150% allowed by regulation are required to complete the Maximum Credit Appeal (MCA) form.

## FINANCIAL AID APPEAL PROCEDURE FOR SUSPENSION BASED ON NONSATISFACTORY ACADEMIC PROGRESS

A student whose financial aid eligibility has been suspended must meet the following conditions to regain financial aid eligibility:

1. Complete the necessary credit hours on personal resources to improve the cumulative GPA to 2.0.
2. Complete the necessary credit hours on personal resources to achieve a 67% completion ratio.

If a student feels there were circumstances beyond their control that affected academic performance, they may submit an appeal for a probationary period.

Suspended students will receive a suspension notice from the Financial Aid and Veteran Services Office with information on the probationary appeals process.

**Circumstances under which a student is permitted to appeal are:**

- Death of a family member.
- Injury or illness of the student.
- Change in employment or work schedule.
- Other extenuating circumstances.

**Document Examples**

- Newspaper obituaries or death certificates to substantiate death.
- Physician's written statement to substantiate illness or accident.
- Written statement from a clergy, counselor, medical professional, or other third party who knows the situation.
- Statements written by an academic advisor or instructor.
- Documentation of the change in work schedule that caused the inability to attend courses.

Lack of documentation may result in the denial of the appeal.

**Appeal submission and possible outcomes:**

1. The appeal is denied for lack of documentation, or the financial aid counselor does not feel the documentation is adequate, or the students' academic record does not indicate an ability to be successful in their chosen major.
2. A completed Non-Satisfactory Academic Progress Appeal form is submitted to the EAC Financial Aid and Veteran Services Office with accompanying documentation within the specified appeals time frame as indicated in the suspension letter.
3. A probation period may be granted for one semester if the student can achieve a cumulative grade point average of 2.0 and/or a completion ratio of 67% within one semester. The student will be notified by email or letter of this determination.
4. A probation period may be granted based on an academic plan if it is not possible for the student to achieve a 2.0 cumulative grade point average and/or 67% completion ratio in one semester. This plan, if followed, will achieve the required cumulative grade point and completion rate when concluded.

5. Failure to adhere to the conditions of the probationary period may result in financial aid termination without the possibility of further appeal. To again become eligible, a student must attend on personal resources to improve the cumulative GPA and/or achieve a 67% completion ratio.
6. If a probationary period is denied, an appeal to the financial aid appeals committee is permitted. Students are encouraged to submit the committee appeal as soon as possible. The Financial Aid and Veteran Services Office must deem the additional information substantive enough to make a difference to the original outcome. The committee will review the original appeal, the additional documentation, and render a decision within 10 working days. The committee's decision will be provided to the student by letter; it is final and cannot be challenged.
7. If a probationary period is granted based on a financial aid counselor's review of the appeal and the student fails to meet the probation conditions, an appeal to the financial aid appeals committee may be possible. The student must submit a non-satisfactory academic appeals form, document the reasons for failing the probationary period. The committee will review the documentation and render a decision within 10 working days. The committee's decision will be provided to the student by letter; it is final and cannot be challenged.

## FINANCIAL AID APPEAL PROCEDURE FOR A MAXIMUM CREDIT APPEAL

Suspension resulting from exceeding the maximum time frame of a 150% to complete degree requirements may be appealed to the Financial Aid and Veteran Services Office.

### Appeal submission and possible outcomes:

The appeal and accompanying documentation must be submitted as indicated in the suspension letter.

The student will complete all sections of the appeal. Students will only take courses needed for the program they are admitted and will not enroll in courses that are not required for their program. Students are encouraged to meet with an Academic Advisor to complete the form. The student will agree to the terms of the appeal by reading and signing the Student Acknowledgement portion of the appeal form.

The student will submit the completed appeal form to the Financial Aid and Veteran Services Office.

The Financial Aid and Veteran Services Office will evaluate the appeal and determine if the student's time frame to complete the stated degree is appropriate within federal guidelines. If approved, the appeal and courses outlined will be the contract under which the time frame is extended. The student must abide by this contract. Failure to do so may result in suspension without the opportunity for further appeals. Revisions to the contract must be approved by the Financial Aid Counselor prior to enrolling for non-approved courses.

If the appeal for an extended time frame is denied, a denial notice will be sent to the student by email or letter. The student may appeal this denial within seven days of the date the denial was sent. The appeal must be in writing, explaining why the student feels the denial should be reviewed by the financial aid committee. The financial aid committee will review the student's appeal and letter, provided the student has submitted adequate documentation to support the basis of their appeal. The decision of the committee will be communicated in writing to the student within 10 working days. The committee's decision is final and cannot be challenged.

### DISBURSEMENT POLICY

The U.S. Department of Education requires institutions of Higher Education to institute Cash Management requirements for Title IV programs. These requirements affect the crediting and disbursement of financial aid funds. Highlights of these regulations are as follows:

- The College cannot disburse financial aid funds to a student's account until the student is enrolled in classes for the semester for which the funds are intended.
- The earliest the College may begin crediting a student's account with financial aid funds is 10 days before the first day of the payment period.
- The College can only credit student accounts for allowable charges, i.e., tuition, fees, room and board, if on campus. Any discretionary charges on an account may only be credited by financial aid if authorized by the student through a signed statement. This authorization may be rescinded at any time by contacting the Financial Aid and Veteran Services Office.
- The College must provide a way for a Federal Pell Grant eligible student to obtain or purchase, by the seventh day of a payment period, the books and supplies required for the payment period if, 10 days before the beginning of the payment period the institution could disburse funds for which the student is eligible, the student would end up with a credit balance and the amount the college determines as needed for books and supplies is less than the credit balance.
- Financial aid is disbursed to individual student accounts no later than 10 days after the first day of class. Disbursements are generally made once a week within the Business Administration Office. If, after tuition, EAC-approved fees, on-campus food and housing, and other student-authorized charges are paid, and a balance remains, the balance will be refunded to the student by EAC. Students can select how they would like to receive their refund or disbursement (stipend) through their MyEAC account. To choose a printed check or direct deposit option, students should look for "My Billing & Payments;" "Make Online Payment", and allow pop-ups in their preferred browser. By selecting "Click here to Make an Online Payment," students will be taken to their MyEAC Transact account. "Payment methods" and "Direct deposit refunds" should be set up by the student to receive any remaining disbursement balances.

## WITHDRAWING/STOPPING ATTENDANCE FROM CLASSES

The federal law specifies how Eastern Arizona College must determine the amount of Title IV program assistance that you earn if you withdraw from all Title IV eligible courses. The Title IV programs that are covered by this law are: Federal Pell Grants, Iraq and Afghanistan Service Grants, and Federal Supplemental Educational Opportunity Grants (FSEOGs). EAC does not participate in the Federal Student Loan Programs.

Though your aid is posted to your account at the start of each semester, you earn the funds as you complete the semester. If you withdraw during the semester, the amount of Title IV program assistance that you have earned up to that point is determined by a specific formula. If you received (or EAC received on your behalf) less assistance than the amount that you earned, you may be able to receive those additional funds. If you received more assistance than you earned, the excess funds must be returned by EAC and/or you.

The amount of assistance that you have earned is determined on a pro rata basis. For example, if you completed 30% of the semester, you earn 30% of the assistance you were originally scheduled to receive. Once you have completed more than 60% of the semester, you earn all the assistance that you were scheduled to receive for that period.

If you did not receive all of the funds that you earned, you may be due a post-withdrawal disbursement. EAC may automatically use all or a portion of your post-withdrawal disbursement of grant funds for tuition, fees, and room and board charges (as contracted with the school). EAC needs your permission to use the post-withdrawal grant disbursement for all other school charges. If you do not give your permission, you will be offered the funds. However, it may be in your best interest to allow the school to keep the funds to reduce your debt at the school.

If you receive (or EAC receives) excess Title IV program funds that must be returned, EAC must return a portion of the excess equal to the lesser of:

1. Your institutional charges multiplied by the unearned percentage of your funds, or
2. The entire amount of excess funds.

EAC must return this amount even if it didn't keep this amount of your Title IV program funds.

If EAC is not required to return all of the excess funds, you must return the remaining amount.

Any amount of unearned grant funds that you must return is called an overpayment. The maximum amount of a grant overpayment that you must repay is half of the grant funds you received or were scheduled to receive. You do not have to repay a grant overpayment if the original amount of the overpayment is \$50 or less. You must make arrangements with EAC or the Department of Education to return the unearned grant funds.

The requirements for Title IV program funds when you withdraw are separate from any refund policy that EAC may have. Therefore, you may still owe funds to the school to cover unpaid institutional charges. EAC will also charge you for any Title IV program funds that the school was required to return. If you don't already know EAC's refund policy, you should ask the Admissions and Registration Office for a copy. The Admissions and Registration Office can also provide you with the requirements and procedures for officially withdrawing from school.

If you have questions about your Title IV program funds, you may call the Federal Student Aid Information Center at 1-800-4-FEDAID (1-800-433-3243). TTY users may call 1-800-730-8913. Information is also available on student aid at [www.studentaid.gov](http://www.studentaid.gov).

## FINANCIAL AID PROGRAM DESCRIPTIONS

### Grants

**Federal Pell Grant** - The Federal Pell Grant is a federal Title IV grant program to help undergraduates pay for educational costs after high school. For many students, these grants provide a foundation of financial aid to which aid from other Federal and non-federal sources may be added. Unlike loans, a Pell Grant does not have to be repaid. In order to receive a Federal Pell Grant, a student must be enrolled in an eligible certificate or degree program as outlined in EAC's college catalog. The amount of the award is based upon the Student Aid Index (SAI), the cost of attendance, enrollment status, and a payment schedule issued by the U.S. Department of Education.

The U.S. Congress has reinstated the year-round Pell Grant beginning on July 1, 2017. Eligible students may receive up to three pell disbursements (150%) in one academic year.

**Federal Supplemental Educational Opportunity Grant (FSEOG)** - FSEOG is a Title IV grant program that provides additional funds from the Federal Government to exceptionally needy students. This grant must be combined with other forms of aid and is also non-repayable. A grant may range from \$200 to \$2,000 per academic year. These funds are limited and awarded to eligible students who meet the priority service deadline, then to others.

**Leveraging Educational Assistance Partnership Program (LEAP)** - LEAP is a federal grant program matched by the State of Arizona. Only Arizona residents are eligible. The award may range from \$100 to \$1500 per academic year. These funds are limited and awarded to eligible students who meet the priority service deadline, then to others.

**Federal Work Study (FWS)** - The FWS funds provide opportunities for students to work part-time and earn income to help meet educational expenses. Salaries must be equal to the current Arizona minimum wage, but the maximum amount a student may earn in an academic year is determined by the Financial Aid and Veteran Services Office. Federal Work Study awards generally range from \$500 to \$5000 per academic year. Federal Work Study students are encouraged to perform community service employment and/or to participate in the America Reads Program. Funds are limited and awarded to eligible students who meet the priority service deadline, then to others.

**Institutional Work Study (IWS)** - The IWS is a student employment program funded by Eastern Arizona College. IWS awards are based on the department budget and the gross amount a student is authorized to earn during a school year. IWS is not a grant; it must be earned through hours worked at a job. IWS funds are awarded upon hire; the student must still locate a work-study position, interview, be selected, and complete all employment paperwork.

For additional information on Title IV financial aid program specifics, reference "The Student Guide" published by the U.S. Department of Education on the Internet at: [www.studentaid.gov](http://www.studentaid.gov). Alcohol and drug information is also required by law to be given to students. This information is published annually in the Annual Security & Fire Safety Report. Information from this report may also be obtained on the Internet at: <https://eac.edu/student-life/campus-safety/>.

## COST OF ATTENDANCE – ANNUAL BUDGET FOR EAC

The following are average costs of attendance for three types of students: those living at home with a parent or relative (commuter), those living in a campus resident hall (on campus), and those renting an apartment or buying a home (off campus).

Non-Resident (N/R) total budgets are also provided. These budgets are representative of an academic year (2025-2026) or a nine-month period. They are adjusted for periods of enrollment less than an academic year or for attendance less than full-time.

Budget Item	Commuter	N/R
Tuition & Fees	\$2,352	\$9,552
Food & Housing	\$3,536	\$3,536
Books & Supplies	\$1,036	\$1,036
Transportation	\$3074	\$3074
Miscellaneous	\$2,682	\$2,682
Total	\$12,680	\$19,880

Budget Item	On Campus	N/R
Tuition & Fees	\$2,352	\$9,552
Food & Housing	\$8,400	\$8,400
Books & Supplies	\$1,036	\$1,036
Transportation	\$1,728	\$1,728
Miscellaneous	\$2,682	\$2,682
Total	\$16,198	\$23,398

Budget Item	Off Campus	N/R
Tuition & Fees	\$2,352	\$9,552
Food & Housing	\$16,766	\$16,766
Books & Supplies	\$1,036	\$1,036
Transportation	\$3,074	\$3,074
Miscellaneous	\$4,428	\$4,428
Total	\$27,656	\$34,856

## VETERANS AND CHILDREN OF DECEASED VETERANS

Eastern Arizona College's Veteran Services Office acts as a liaison with the Department of Veterans Affairs. Students may be eligible to receive educational benefits if they are registered in courses that apply to the student's approved programs.

Application forms, counseling, advisement, and tutoring are available for students who are eligible for veterans' educational benefits. The amount of benefit awarded is determined by the Department of Veterans Affairs, and is based on the number of credit hours for which a student is enrolled and the length of the enrollment period for each course.

You should apply for educational benefits from the Department of Veteran Affairs well in advance of your enrollment at Eastern Arizona College. Our Veteran's Affairs Office can provide you with the Veteran Application for Education Benefits.

### Veteran's benefits available at EAC:

- Chapter 30 - Montgomery GI Bill®
- Chapter 31 - Vocational Rehabilitation (separately served through the local VA office)
- Chapter 32 - VEAP Program
- Chapter 33 - Post 9/11 GI Bill & Transfer of Eligibility to Dependents (TOE)
- Chapter 35 - Survivors and dependents of deceased/100% disabled veteran
- Chapter 1606 - Montgomery GI Bill, Selected Reserve
- Chapter 1607 - REAP Reserve Educational Assistance Program

It is the student's responsibility to notify the Veteran Services Specialist regarding any change in enrollment, address, program of study, enrollment at another institution, or any other change that may impact their veteran educational benefits.

Those students receiving benefits must follow the VA academic progress policy to continue to receive benefits. Department of Veteran Affairs regulations require that all persons using any type of veteran educational assistance program make satisfactory academic progress toward achievement of their educational objective (program of study). A student who does not meet the minimum standards of 2.0 upon completion of 12 or more credit hours will be placed on probation, at which point the student will have no more than two semesters in which to improve academic standing to an acceptable. At this point, if satisfactory academic progress has not been demonstrated, veteran educational benefits may be terminated. Benefits may be resumed when the student raises the cumulative grade point average to the required minimum standards or demonstrates the ability to meet these standards through the approval of a written appeal. For appeal procedures, contact the Veteran Services Specialist in the Financial Aid and Veteran Services Office. For additional details and information regarding veteran educational benefits, contact the Veteran Services Specialist.

### Distance Learning:

The course content and competencies for distance learning classes are the same as courses offered in-person or in a hybrid format. The courses offered in this format lead to completion of EAC degrees and/or certificates of completion. EAC uses Canvas for teacher/student interactions for online or hybrid classes. You will be contacted through official EAC channels to help with initial login. If you have questions about accessing Canvas, please visit the EAC Alumni Library or call 928-428-8304 for assistance.

### Prior Credit Evaluation:

The Department of Veteran Affairs requires that all persons using any type of veteran educational assistance must have all prior education and training evaluated. Students will be required to request transcripts from all prior institutions, including military training. Without all prior institutions and military training, veteran educational assistance may not be certified. Transcripts will be evaluated, and credit will be granted as appropriate.

## STUDENT SERVICES

## ACTIVITIES AND ORGANIZATIONS

Eastern Arizona College offers many opportunities for students to become involved in the campus community regardless of whether they live on or off-campus or are a traditional or non-traditional student. Eastern Arizona College has a variety of student activities and organizations to choose from such as clubs, intramural sports, team sports, fine arts, service projects, student publications, student government, religious organizations, and scholastic organizations, just to name a few. Additional information can be found on the Student Life website <https://eac.edu/student-life> or the EAC Events Calendar, both of which are located on EAC's website.

## ALUMNI LIBRARY AND MEDIA CENTER

The Eastern Arizona College Alumni Library and Media Center serves the needs of the faculty, students and staff of the college and the needs of the adult community within Graham County in the general fields of educational, cultural, and quality recreational material. Visit the Library to use our extensive physical collection of books, magazines, newspapers, DVDs, and the Media Center's computers. To access the Library's electronic information while off campus, including eBooks, streaming videos and databases, students and staff can use their campus email information for authentication. Additionally, the Library's website offers a variety of resources to assist in student research such as LibGuides and how-to tutorials. Individual assistance is available to all students. The Alumni Library and Media Center also provides services like laptop checkout, subject tutoring, course reserve materials, and access to 15 study rooms.

**Lost & Found service.** The Library provides a storage site for Lost & Found items on campus. Please contact the Library if you are looking for an item or need to drop something off. This service is available while the Library is open.

### Alumni Library Hours of Operation:

Library hours are posted at the Alumni Library and Media Center and on the Library's website: <https://eac.libguides.com/libraryhome> For additional information, contact:

Alumni Library

Phone: (928) 428-8304

Email: [library@eac.edu](mailto:library@eac.edu)

## TUTORING SERVICES

Eastern Arizona College offers free unlimited tutoring to all full and part-time students. Tutoring is available in most Gen Ed subjects such as Math, Sciences, Social Sciences, Writing, and Languages. Tutors are students who have taken the courses at EAC and have been recommended by their instructor to be a student tutor. Tutors can also help with study skills improvement, test taking strategies, and memorization techniques. Tutoring is available by walk-in or appointment. Tutoring methods offered are face-to-face, Zoom, online, and by phone call (for language practice). The tutoring schedule is available on the [Tutoring website](#). At the Library, tutors and students have access to materials and resources that are used in the classroom to make the transition from classroom to working with a tutor as seamless as possible. Tutors can provide study session groups for concept review or test prep. Tutors are friendly and encouraging while the library provides a modern and comfortable place to study and learn. Students are encouraged to visit the Student Learning Center (SLC) located in the Alumni Library early in the semester to meet the tutors and learn about services. Papers may be submitted for review at [tutors@eac.edu](mailto:tutors@eac.edu).

For more information, contact:

Cindi Reyes, Facilitator, Student Learning Center (SLC)

Phone: (928) 428-8446

Email: [cindi.reyes@eac.edu](mailto:cindi.reyes@eac.edu)

## ACADEMIC ADVISING DEPARTMENT SERVICES

EAC recognizes that starting or returning to college can be challenging. The Academic Advising Department offers various services and resources to help you succeed:

- 1. Academic Advising:**
  - **Support and Guidance:** Academic Advisors will help you develop personal, academic, and career goals that are ambitious and rewarding.
  - **Progress and Persistence:** Advising is crucial to your progress and satisfaction as you work towards your goals.
- 2. Resources:**
  - **Educational Planning:** Advisors will assist in creating a plan tailored to your academic aspirations.
  - **Career Guidance:** Support in identifying career paths that align with your interests and goals utilizing Occupational Insight.

EAC is committed to each student's success, ensuring you have the support needed to thrive in your educational journey.

### How Academic Advisors Can Help You at Eastern Arizona College

Academic advisors at EAC offer a wide range of support to help you succeed in your educational journey:

- 1. Exploring Academic and Career Options:**
  - Advisors can help you identify and explore different academic and career paths that align with your interests and goals utilizing Occupational Insight.
- 2. Creating an Academic Plan:**
  - Develop a personalized academic plan to guide you through your coursework and ensure you stay on track.
- 3. Academic Sequencing Guide:**
  - Receive a detailed guide specific to your major, outlining the sequence of courses you need to take.
- 4. Researching Transfer Options:**
  - Get assistance in researching and planning for transferring to another college or university.
- 5. Support and Guidance:**
  - Continuous support and guidance throughout your academic career to help you overcome challenges and achieve your goals.
  - **On-Campus and Community Resources:**
    - Learn about various resources available both on campus and in the community to support your academic success.

The Academic Advising Department at EAC offers a range of testing services to support your academic needs:

- 1. EAC and Non-EAC Course Exams:**
  - Administered for both EAC courses and courses from other institutions.
- 2. Placement Testing:**
  - Assessments to determine appropriate course placement.
- 3. GED/High School Equivalency:**
  - Testing for obtaining a high school equivalency diploma.
- 4. Pearson Vue:**
  - A variety of certification and licensure exams.
- 5. CLEP:**
  - College-Level Examination Program tests to earn college credit.
- 6. MeasureLearning:**
  - Online proctoring and assessment services.
- 7. Proctored Exams:**
  - Supervised exams for various purposes.

If you have a question regarding evaluation or testing, contact:

Phone: (928) 428-8491

Email: [testing.center@eac.edu](mailto:testing.center@eac.edu)

### Personal Counseling

EAC offers counseling services to help you manage various aspects of your personal and academic life:

- 1. Immediate Needs:**
  - Counselors can assist with urgent concerns and immediate needs.
- 2. Personal or Social Concerns:**
  - Support for dealing with personal issues or social challenges.
- 3. Adjusting to a New Environment:**
  - Help with adapting to college life and new surroundings.
- 4. Confidential, Short-Term Counseling:**
  - Available on a variety of subjects to provide immediate support.
- 5. Referrals to Community Resources:**
  - If needed, counselors can refer you to additional community resources for further assistance.

If you need to talk to someone, contact:

Craig Smith, Counselor/Mental Health  
Phone: (928) 428-8251  
Email: [craig.smith@eac.edu](mailto:craig.smith@eac.edu)

**Study Skills**  
Students may earn college credit by enrolling in study skills/college survival classes and group counseling courses. For more information, see Counseling courses in the Course Descriptions section of this catalog or contact the Academic Advising Department.

**Substance Abuse Prevention Program**  
The Academic Advising Department at EAC is dedicated to preventing substance abuse within the college community. Here are the key components of their prevention efforts:

1. **Assessment:**
  - Ongoing evaluation of the nature and extent of substance abuse at EAC.
2. **Preventative Measures:**
  - Development of strategies based on identified needs.
3. **Information Dissemination:**
  - Providing information to raise awareness about substance abuse.
4. **Referrals to Community Support Agencies:**
  - Connecting students with external resources for additional support.
5. **Counseling Workshop Programs:**
  - Offering workshops where individuals can explore their own drug and/or alcohol dependency.
6. **SHADE (Student Health Alcohol Drug Education):**
  - An alcohol education and prevention program available upon request or by referral.

These measures aim to support students in maintaining a healthy and safe college experience. If you have any specific questions or need further assistance, feel free to ask!

If you have a question, contact:

Gina Roebuck, Director of Academic Advising Services  
Phone: (928) 428-8426

## DISABILITY RESOURCE SERVICES

Eastern Arizona College will provide admitted students with disabilities and individuals who have applied to be students (applicants) with disabilities, who meet eligibility requirements, appropriate accommodations to participate in the educational experiences offered by the College.

For inquiries regarding Disability Resource Services, contact:

Candace Lines, Section 504/ADA Coordinator  
Office of Disability Resource Services  
Academic Advising Department, Student Services Building  
615 N. Stadium Avenue, Room 139  
Thatcher, Arizona 85552  
Phone: (928) 428-8425  
Email: [disabilityresourceservices@eac.edu](mailto:disabilityresourceservices@eac.edu)

For more information related to the College's Disability Resource Services, visit EAC's website at: <https://eac.edu/current-students/academicadvising/disability-resource-services/>

### Accommodations for Students with Disabilities

Accommodations shall not be construed as a guarantee of student success. Rather, accommodations provide the opportunity to participate. Accommodations are in no way intended to devalue the end educational product. Accommodations will be provided under the Americans with Disabilities Act, Title II, Postsecondary Education and the Vocational Rehabilitation Act of 1973, Subpart E, Postsecondary Education.

### Academic Adjustments and Accommodations

Students and applicants with learning, developmental or psychological disabilities must: 1. Have been admitted or have applied to EAC, and

1. Have been admitted or have applied to EAC, and
2. Provide EAC with psychoeducational, psychological, psychiatric, or other appropriate diagnostic evaluation(s), as requested, to document the nature and extent of the disability. For students and applicants with learning or developmental disorders, a psychological evaluation is preferred; however, the most recent Individualized Education Plan can be used. For psychological disorders, documentation must include a psychological evaluation or documentation from the appropriate medical doctor. This documentation must be from a diagnostician with the appropriate credentials.

Students and applicants with other disabilities must:

1. Have been admitted or have applied to EAC and
2. Provide EAC with an evaluation or medical information or in the case of hearing and/or vision disabilities, an audiological or vision evaluation certifying the disability, and
3. Include evidence that the evaluator has the professional credentials and/or specialized training which qualifies her/him to offer a diagnostic determination.
4. For students or applicants requesting a sign language interpreter, the request should be forwarded to the College's Section 504/ADA Coordinator within 3 months of the student's planned enrollment.

### Procedure to Establish an Accommodation Plan

The Section 504/ADA Coordinator is responsible for evaluating documentation provided by students and applicants seeking accommodation. Students and applicants seeking accommodation should contact the Section 504/ADA Coordinator to make an appointment and request an accommodation plan.

### Accommodation Plan Components

1. Students and applicants must submit proper documentation regarding the disability
2. After documentation has been reviewed, the Disability Coordinator, student and instructors will participate in the interactive process to determine which accommodations will create equal access.
3. The Disability Coordinator will create an accommodation plan which will be sent to the student, instructors and applicable parties.
4. It is the student's or applicant's responsibility to ensure instructors and/or other applicable parties receive a copy of the accommodation plan.
5. Accommodation plans must be requested each semester.

## STUDENT COMPLAINT PROCEDURE AND PROCESS

Student complaints must be submitted in writing, signed by the student, and submitted to the College Official with Authority (Professors, Deans, Directors, Advisors) and/or forwarded to the Dean of Students. Complaints determined to be academic in nature will be forwarded to the appropriate academic dean. Complaints that may include a report of Title IX violations will be forwarded to the Title IX Coordinator. Complaints for alleged violations of civil rights not covered by Title IX Sexual Harassment will be forwarded to the Section 504/ADA Coordinator (if the complaint relates to discrimination on the basis of disability) or the Director of Human Resources/Civil Rights Equity Officer (CREO) (if the complaint relates to discrimination on any other basis). Complaints received in person, through email, or other secure delivery method through the College's Website on the Title IX webpage or on the Civil Rights webpage, that are signed by a student will be accepted as formal complaints. A student who files a complaint must be currently enrolled as a full or part-time student or submit the complaint within one calendar year of the date of last attendance.

Students can choose to submit complaints through the EAC website complaint form located at: <https://connect.eac.edu/register/studentcomplaint>

## TTY

Arizona Commission for the deaf and the hard of hearing telecommunications. 7-1-1 is the national number used for accessing Relay Services throughout the United States.

## STUDENT CODE OF CONDUCT

THE COLLEGE HAS THE OBLIGATION to determine the standards of conduct appropriate for those who become members of its student body. These standards apply to all and will be administered by the President and/or his designee who may take disciplinary action deemed appropriate for the violation committed. Students, who have rights and privileges as citizens, must keep in mind that admission to the College is a privileged status and involves special additional obligations to the college community. It also presumes that students, as members of the academic community, understand that due regard for law and the rights of others are always involved in the realm of liberty.

Student conduct, on or off campus, prejudicial to the best interest of the College may be considered cause for disciplinary action or dismissal. The rules of conduct specified below are not all-inclusive but are emphasized as being among those necessary for the security and well-being of students attending Eastern Arizona College and are among the circumstances which may lead to disciplinary action and possible dismissal.

- Conviction of a crime or continued misconduct of any type that is an infraction of the established laws of the town, county, state or nation.
- Possessing or using intoxicating liquors, narcotics or other illegal drugs.
- Stealing or in possession of stolen articles.
- Malicious destruction of property.
- Endangering or threatening the life or physical safety of others or self.
- Possession/use of any projectile weapon on campus.
- Failure to meet financial obligations to the College.

Student Code of Conduct violations that may include sexual harassment, sexual assault, dating and domestic violence, or stalking are considered to be Title IX infractions and will be referred to the Title IX Coordinator for review as outlined in the Graham County Community College District's (GCCCD) Regulation 2075.01 "Procedures for Alleged Violations of the Title IX Sexual Harassment Regulations." Eastern Arizona College Title IX Policy and Regulation Statement.

## GRIEVANCE PROCEDURE- NON-ACADEMIC STANDARDS

Students aggrieved by College actions of a non-academic nature shall have the opportunity for appeal. When a complaint about a non-academic action arises, with the exception of sexual harassment, the student shall subscribe to the following procedure to render the complaint legitimate. Complaints of sexual harassment should follow the procedure set forth in GCCCD Policy 2075.01 - Procedures for Alleged Violations of the Title IX Sexual Harassment Regulations.

The student's right for grievance shall be forfeited if the complaint is not addressed through the Official Review Process-Non-Academic Standards. The Official Review Process - Non-Academic Standards may not be applicable when services are delivered under the provisions of a negotiated contract. The appeal process does not suspend any actions which are being grieved.

## DEFINITION OF TERMS

**Days:** Calendar days exclusive of weekends, semester breaks, and official holidays as identified in the current EAC academic catalog.

**Complainant:** Student alleging complaint.

**Official:** College official(s) responsible for the program or action for which the student complainant has a grievance.

**Student Affairs Officer:** Dean of Students or authorized designee selected by the College President for oversight of student affairs.

**Judiciary Committee:** The Judiciary Committee serves as an appeals committee for student grievances involving non-academic standards. The Committee is also charged with responsibility to advise the College President on policies, standards, rules and regulations for non-academic standards that are applied in the grievance process.

**Non-Academic Standards:** All institutional actions exclusive of academic standards and discrimination as defined by federal or state laws.

## OFFICIAL REVIEW PROCESS

When a complaint related to a non-academic action is alleged by a student, with the exception of sexual harassment, the student shall subscribe to the following procedure to render complaint legitimate. Complaints of sexual harassment should follow the procedure set forth in GCCCD Policy 2075.01 - Procedures for Alleged Violations of the Title IX Sexual Harassment Regulations.

**Step 1.** The Complainant shall seek out, within five (5) days of the action, the Official so both parties may be afforded an opportunity to clarify facts and reach a mutually acceptable grievance resolution.

**Step 2.** If Complainant satisfaction is not achieved in Step 1, the Complainant shall provide a written request identifying the problem and request a meeting with the Dean of Students or designee within five (5) days after receiving a recommended solution as provided in Step 1. Within five (5) days of receipt of the request, the Dean of Students or designee shall arrange for a meeting with the Complainant and attempt to mediate an acceptable resolution.

**Step 3.** If Complainant satisfaction is not achieved in Step 2, the Complainant shall provide a written request for a hearing by the Judiciary Committee. The request shall articulate the complaint and shall be delivered to the Chairperson of the Judiciary Committee and Dean of Students or designee within five (5) days after receiving a recommended resolution as provided in Step 2. Within ten (10) days of receipt of the request for a hearing, but not less than three (3) days of receipt of the request, the Chairperson of the Judiciary Committee shall arrange for a hearing. The Complainant, the Dean of Students or designee, and the Official shall be in attendance at the hearing. Within ten (10) days of the conclusion of the hearing, the Chairperson of the Judiciary Committee shall set forth a written document addressing findings of fact and the decision reached by the Committee. Copies shall be addressed to the Complainant, the Dean of Students or designee, the Official and the College President. Decisions made by the Judiciary Committee are binding.

## DISTANCE EDUCATION STUDENTS

Distance Learning Grievance Process (Regulation 5810.03)

If a resolution is not reached through the official grievance review process, distance education students who are still aggrieved may file a complaint or provide feedback to the following agency:

Distance Education students outside of Arizona, after completion of EAC's internal complaint process, may appeal State Authorization Reciprocity Agreements (SARA) related complaints to the Arizona Community College Coordinating Council (AC4). (<https://azsara.arizona.edu/>) The Arizona State Authorization Reciprocity Agreements (AZ SARA) Council has jurisdiction over AZ SARA approved institutions regarding noninstructional complaints for distance education students. Upon completion of EAC's and AC4's complaint process, a student may register a complaint with the Arizona SARA Council. Visit the AZ SARA Complaint Process website for more information: <https://azsara.arizona.edu/complaints>.

## HIGHER LEARNING COMMISSION

Residents of all states may submit complaints to:

230 South LaSalle Street, Suite 7-500  
Chicago, Illinois 60604-1411  
1-800-621-7440

## TITLE IX POLICY AND REGULATION

As a recipient of federal financial assistance for education activities, Eastern Arizona College is required by Title IX of the Education Amendments of 1972 to ensure that all of its education programs and activities do not discriminate on the basis of sex/gender. Sex includes: sex, sex stereotypes, gender identity, gender expression, sexual orientation, and pregnancy or parenting status. Sexual harassment, sexual assault, dating and domestic violence, and stalking are forms of sex discrimination, which are prohibited under Title IX and by College policy 2075.01 and regulation. For Procedures for Alleged Violations of Title IX Sexual Harassment Regulations, refer to <https://eac.edu/about/title-ix/>

## GENERAL COLLEGE REGULATIONS REGARDING THE ILLEGAL USE OF A CONTROLLED SUBSTANCE

1. The unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited on College property or as part of any of the College's activities. For purposes of this regulation a controlled substance shall include any of the following:
  - a. An illegal drug
  - b. A legal drug used in excess of medically prescribed dosage
  - c. An alcoholic beverage
  - d. Any other mind-altering substance, or any substance used in excess of medically prescribed dosage
  - e. Marijuana, even when employed for medical use

2. The conviction for the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance on College property or as part of any of its activities shall result in one or more of the following conditions as considered appropriate by the Dean of Students or the Vice President of Academic and Student Affairs.
  - c. Suspension or termination of enrollment with the College; or
  - d. Requirement for the student to participate satisfactorily in a substance abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency; and/or
  - e. Other enrollment restrictions or stipulations as deemed in the best interest of the College and the student.

Students will receive at least once each year information provided by the College detailing the College's drug-free policy.

The College will conduct a biennial review of its "Program to Prevent Illicit Use of Drugs and Abuse of Alcohol by Employees and Students" to determine its effectiveness, implement needed changes, and ensure that disciplinary sanctions are consistently enforced.

Note: Federal law allows notification of parents or guardians when there is a violation of this policy or a student exhibits a pattern of illegal substance use.

## INTERFERENCE WITH OR DISRUPTION OF EDUCATION

Eastern Arizona College is dedicated to the concept of providing education to all those who can benefit therefrom. The College has a responsibility to maintain public order so that individual rights to benefit from its programs and facilities will not be impaired.

A person commits interference with or disruption of education at Eastern Arizona College by doing any of the following:

- For the purpose of causing, or in reckless disregard of causing, interference with or disruption of Eastern Arizona College, threatening to cause physical injury to any employee of Eastern Arizona College or any person attending Eastern Arizona College.
- Knowingly going on or remaining on the property of Eastern Arizona College for the purpose of interfering with or disrupting the lawful use of the property or in any manner as to deny or interfere with the lawful use of the property by others.
- Knowingly refusing to obey a lawful order given pursuant to A.R.S. § 13-2911 (C).
- Bringing onto campus, or possessing on campus any: (a) deadly weapon, (b) firearm (loaded or unloaded), (c) explosive, (d) nunchaku, (e) breakable container containing flammable liquid with a flash point of 150 degrees Fahrenheit or less and has a wick or similar device capable of being ignited, or (f) any combination of parts or materials designed and intended for use in making or converting a device into any item set forth in subdivisions (c) or (e) of this paragraph. The provisions of this paragraph shall not apply to Police Officers, certified and commissioned in the State of Arizona, or to weapons, and/or chemicals possessed and used as part of a course of instruction at Eastern Arizona College, or for weapons used for lawful exhibition or demonstration approved by the College President or designee.

For purposes of this policy, "interference with or disruption of" includes causing an employee of Eastern Arizona College to take any action to protect Eastern Arizona College or the employees, students or property of Eastern Arizona College.

Campus Police shall have the primary charge to maintain public order and the peaceful conduct of education upon all College property, assisted, when appropriate, by local law enforcement personnel.

Penalties for interference with or disruption of education upon College property shall include all appropriate legal remedies including, but not limited to: (a) the criminal penalties specified by A.R.S. § 13-2911, (b) the offender being required to leave College property, and (c) in the case of a student, faculty member or other staff violator, suspension, expulsion, or other appropriate disciplinary action. In addition, any deadly weapon, dangerous instrument, or explosive that is used, displayed or possessed by a person in violation of this policy shall be forfeited or otherwise disposed in accord with A.R.S. § 13-2911 (D).

## ACADEMIC INTEGRITY

Academic integrity is a vital part of the culture of all successful institutions of higher learning. The value of the degrees, certificates, and coursework offered by Eastern Arizona College greatly depends on its reputation as an institution dedicated to academic honesty. This Academic Integrity Policy provides guidance in helping students and faculty understand the meaning and importance of academic integrity; defines academic dishonesty; and outlines the procedures for handling infractions of academic integrity. Each member of the EAC community is charged with honoring and upholding the policies and procedures governing academic integrity as set forth below.

## DEFINITION OF TERMS

As used in this policy:

**Academic Affairs Officer** is the campus official designated by the College President for oversight of academic affairs.

**Academic evaluation** refers to any assignment, project, test, essay, quiz, performance, or other task or instrument by which students demonstrate mastery of course content, thus earning credit toward a class grade.

**Academic integrity** means honesty and responsibility associated with study, learning, and scholarship.

**Academic misconduct** means any act contrary to Academic Integrity, such as cheating, plagiarism, and earning grades dishonestly.

**Academic standards** are the rules and principles by which grades, student conduct, professional educator conduct, and class materials are evaluated.

**Admissions and Academic Standards Appeals Committee** serves as the appeals committee for grievances concerning academic standards; compiles and considers reports on the nature and frequency of academic misconduct; hears charges and evidence of repeated or particularly serious academic misconduct; and imposes sanctions when such types of academic misconduct is determined to have occurred.

**College** means any and all Graham County Community College District (GCCCD) locations to which Eastern Arizona College delivers instructional services to students enrolled for credit.

**Dean** is the administrator who, under the direction of the Chief Academic Officer, supervises several academic divisions and other specified college areas.

**District** refers to the Graham County Community College District.

**Plagiarism** is the use of another person's words, materials, work, and ideas, and adoption of an actual document, including a document available electronically, without properly acknowledging and documenting the source.

**Professional educator** is employed by the College as the instructor of record, contributing/substitute instructor of record, proctor, GCCCD staff, or employee responsible for delivering instructional services and/or resources to students.

**Restricted course materials** are materials that are kept within the control of a professional educator to be delivered to enrolled students in a controlled manner. Restricting access to materials such as examinations, quizzes, and various assignments allows professional educators to control the resources available to students completing such evaluations, thus providing a uniform assessment of the knowledge and abilities that a student has obtained through his or her coursework. Examinations, quizzes, and assignments that are deliberately made available to the public by the professional educator of a course and without limitations are not restricted course materials.

**Student** means a person who is registered in a College course.

## STUDENT RESPONSIBILITIES

Students are responsible for understanding the College's Academic Integrity Policy as well as the sanctions that may be imposed as a result of academic misconduct. Students are also responsible for understanding their appeal rights associated with findings of any policy violation. If the expectations and limitations of an assignment or assessment are unclear, students are expected to ask for clarification.

Students shall practice the provisions of the Academic Integrity Policy and uphold integrity in their academic pursuits.

## ACADEMIC INTEGRITY POLICY

Students at Eastern Arizona College are expected to:

- Conduct themselves in accordance with principles of academic integrity
- Behave so as to foster an atmosphere of honesty and fairness
- Avoid plagiarism and other forms of academic misconduct
- Give truthful information to any College professional educator or to any other College employee regarding issues concerning academic integrity or academic misconduct, or suspected academic misconduct
- Not alter, misuse, or forge any College document, record, or instrument of identification.

Students are not excused from these provisions because of any failure or inability on the part of the professional educator to prevent other instances of academic misconduct.

## ACADEMIC MISCONDUCT

Academic misconduct includes any act that improperly affects the evaluation of a student's academic performance or achievement, or any act designed to deceive a professional educator. This definition applies whether the student's act of misconduct affects his or her own work or the work of other students. Specific infractions include, but are not limited to, the following:

- Cheating on Examinations:** Cheating includes the use of crib sheets, "cheat sheets," or discarded computer programs; aid from other persons; copying from another student's work; and soliciting and giving or receiving unauthorized aid orally, electronically, or in writing. The student will not consult books, notes, calculators, or other materials of any kind during an examination or assignment without the express permission of the instructor. If calculators, spellers, or other electronic devices are permitted to be used during an examination or assignment, no information may be programmed into or retrieved from the device other than that expressly permitted by the instructor. Students in online or hybrid courses are responsible for maintaining the security of course materials and are forbidden to share examination materials and other restricted course materials with anyone. Any act that compromises the security, validity, or effectiveness of an academic evaluation, whether it is a regular assignment, a quiz, an examination, or an evaluation of another sort, is academic misconduct.
- Inappropriate Collaboration:** Permission from an instructor for students to "work together" on homework, an assignment, or paper is not permission for one student to present another student's work as his or her own. Unless the professional educator specifies otherwise, all work submitted for a grade or credit toward completion of a course will be the product of the student's own understanding, expressed in the student's own words, calculations, computer code, etc. One form of inappropriate collaboration involves having another person significantly alter either the content or grammar of the student's written work. A student may seek feedback from another student or individual concerning a document's content, grammar, and spelling, but to avoid this type of inappropriate collaboration, the student must fix problems himself or herself.
- Collusion:** Collusion is the act of assisting others in their ventures of academic misconduct. Collusion includes but is not limited to providing advance copies of examinations and other restricted course materials; providing essays or other written assignments to others; acting as a "ghost writer" and significantly contributing to the written work of another without making your contributions known to the instructor and acquiring permission for such contributions; posing as another person in order to complete course work, examinations, or other academic work on that person's behalf; working to conceal the academic misconduct of another student.
- Submitting the Same Assignment for Different Classes:** Submitting the same assignment for a second class violates the assumption that every assignment advances a student's learning and growth. Unless instructors of both classes involved expressly allow it, submitting an assignment already submitted for another class is a breach of academic integrity.
- Intentional Misrepresentation:** Misrepresentation occurs when a student claims that source materials contain information or phrasing that they do not. In addition, misrepresentation occurs when a student omits or inserts words, changes words, misquotes, or takes correctly quoted phrases out of context. If this is done with the intent to deceive a professional educator in any academic evaluation, the student has committed a breach of academic integrity.
- Plagiarism:** Plagiarism means presenting someone else's ideas or words, including that produced by Artificial Intelligence, as one's own. Plagiarism may involve some degree of intent or may be the result of carelessness or ignorance of acceptable forms for citation. Not knowing how or when to cite a source does not excuse an act of plagiarism. Each of the four kinds of plagiarism below is a breach of academic integrity.
  - Copying without citation, the most serious form of plagiarism, involves copying part or all of a paper from the Internet, from a book or magazine, or from another source without indicating that the work is someone else's. To avoid this form of plagiarism, quoted material must be placed in quotation marks and one of the standard forms of documentation (APA, MLA, etc.) must be used to indicate where the material came from.
  - Copying from an external source and citing the source but failing to show (by the use of quotation marks, for example) that the material is a direct quotation is another form of plagiarism. Simply documenting the source does not indicate that the words themselves are someone else's. Avoiding this form of plagiarism involves putting all quoted material in quotation marks or using the format designated by APA, MLA, etc. to indicate quoted material.
  - Incorrect paraphrasing is another form of plagiarism. Paraphrasing involves putting a lengthy phrase, sentence, or group of sentences written by another into one's own words, thereby making it significantly different from the original. Changing a few words, or rearranging words, is not proper paraphrasing, and though the source is cited (as is always required with paraphrased material), wording remains substantially that of another and cannot rightfully be represented as original. Avoiding this form of plagiarism involves either making the material a direct quote by using quotation marks and citing the source, or paraphrasing properly by substantially changing the original to new words; again, making sure to cite the source.
  - Presenting arguments, lines of reasoning, or facts learned from someone else without citing the source, even if the material is paraphrased, is another form of plagiarism. The source must be properly cited.
- Improper Influence:** Attempting to influence a grade or to receive any other academic benefit not earned through the normal exercise of academic effort by offering anything of value, including the performance of services, to a professional educator, College employee, other College student, or any other person, is academic misconduct.

## PROCEDURES, SANCTIONS AND APPEALS FOR ACADEMIC MISCONDUCT

### The Professional Educator

The College respects and accepts the professional educator's qualifications and rights to determine academic standards. The professional educator is accountable for establishing and maintaining appropriate academic standards for coursework and for informing students of any special rules or practices for a particular class.

When a professional educator becomes aware of a possible violation of academic integrity by one of his or her students, a confidential conference between the professional educator and the student should be held to discuss the perceived violation and its consequences. If, following the conversation, the professional educator is satisfied that a violation has occurred, he or she may determine that one or more of the following consequences are appropriate and impose such penalty:

- Issuing a verbal or written reprimand
- Requiring that the academic project or examination in question be repeated
- Assigning the academic project or examination in question a reduced grade
- Requiring that the academic project or examination in question be repeated for a reduced grade
- Assigning the academic project or examination in question a failing grade
- Assigning a reduced grade in the course
- Assigning a failing grade in the course
- Initiating the student's involuntary withdrawal from the course

The professional educator will resolve most violations in the above manner.

The professional educator will report each violation and its disposition to the Academic Dean within five business days of the occurrence, who in turn will report it to the Admissions and Academic Standards Appeals Committee. If the professional educator feels that the violation in question was especially serious or repeated, he or she may recommend that additional penalties be imposed.

### The Admissions and Academic Standards Appeals Committee

The Admissions and Academic Standards Appeals Committee will be notified of all acts of academic misconduct. Such reports will be noted in the agenda and minutes of committee meetings. The committee may report the incidence and nature of these violations to the faculty and administration at appropriate intervals.

When, in the opinion of the committee, evidence of repeated or especially serious offenses exists, or upon the recommendation of the professional educator involved, the Admissions and Academic Standards Appeals Committee will consider the case and may decide to impose one or more of the following additional penalties against a violator:

- Placing a written reprimand in the student's permanent file
- Restricting the student's access to certain college resources
- Requiring the student to complete an academic integrity education program
- Placing the student on academic probation

If the Admissions and Academic Standards Appeals Committee concludes that the violation is so serious as to possibly warrant the student's exclusion from extracurricular college activities, or suspension or dismissal from the College, it will make that recommendation to the Vice President of Academic and Student Affairs.

### The Vice President of Academic and Student Affairs

The Vice President of Academic and Student Affairs will resolve the most serious acts of academic misconduct. Only the Vice President of Academic and Student Affairs has authority to suspend or expel a student from the College for academic misconduct.

After receiving recommendation from the Admissions and Academic Standards Appeals Committee that a violation of academic integrity may warrant the student's dismissal from the college, the Vice President of Academic and Student Affairs will consider the evidence and render a decision which shall be binding, subject only to student appeals as otherwise provided.

The Vice President of Academic and Student Affairs may impose additional penalties against a violator, which may include:

- Censure and exclusion from extracurricular college activities, including student government, athletics, performances, or other activities of the college community
- Suspension for a specified period of time
- Expulsion from the College without expectation of readmission

### A Student's Right to Appeal

A student may appeal any decision to impose discipline as a result of academic misconduct through the established Grievance Procedure and Official Review Process for Academic Standards (GCCCD 5810.02). The Official Review Process is as follows:

**Step 1.** The Complainant shall seek out, within five (5) days of the action, the Professional Educator so both parties may be afforded an opportunity to clarify facts and to reach a mutually acceptable solution.

**Step 2.** If complainant satisfaction is not achieved in Step 1, the Complainant shall provide a written request for a meeting to the Academic Dean responsible for oversight of the standards employed by the Professional Educator. Within five (5) days of receipt of the request the Academic Dean shall arrange for a meeting to include the following individuals: the Academic Dean, the Professional Educator, and the Complainant. The Academic Dean shall attempt to mediate an acceptable solution.

**Step 3.** If Complainant satisfaction is not achieved in Step II, the Complainant shall provide a written request for a hearing by the Admissions and Academic Standards Appeals Committee. The request shall articulate the complaint and shall be delivered to the Vice President of Academic and Student Affairs within five (5) days after receiving a recommended solution as provided in Step II then forwarded to Chair of the Admissions and Academic Standards Committee for review. Within ten (10) days of receipt of the request, but not less than three (3) days of receipt of request, the Chairperson of the Admissions and Academic Standards Appeals Committee shall arrange for a hearing. The Complainant, the Professional Educator and the Academic Dean shall be in attendance at the hearing. Within ten (10) days of the conclusion of the hearing, the Chairperson of the Admissions and Academic Standards Appeals Committee shall set forth a written document addressing finding of fact and the decision reached by the Committee. Copies shall be addressed to the Complainant, the Professional Educator, the Academic Dean, and the College President. Decisions made by the Admissions and Academic Standards Appeal Committee are binding.

## PROGRAM TO PREVENT ILLICIT USE OF DRUGS AND ABUSE OF ALCOHOL BY EMPLOYEES AND STUDENTS

### I. Introduction and Purpose

The adoption by Congress of the Drug-Free Schools and Communities Act Amendments of 1989 (Public Law 101-226) requires federal contractors and grantees to certify that they will provide a drug-free school. As a recipient of federal grants, the District must adopt a program toward accomplishing this goal. While federal legislation has been the impetus for creation of the program, the District recognizes that substance abuse is a problem of national proportions that also affects Eastern Arizona College. Based upon that concern, it is intended that this program for prevention of alcohol and drug abuse on our campuses will go beyond the strict dictates of the law and will serve as a comprehensive educational and resource tool.

Arizona voters recently approved the Arizona Medical Marijuana Act (Proposition 203), which has legalized the use and possession of medical marijuana by certain individuals. The Act does not allow any person to use or possess marijuana in public. Additionally, it does not require employers to allow any employee to use or possess marijuana at work, nor to be under the influence of marijuana at work. Accordingly, the College will continue to prohibit the use and possession of all controlled substances (including marijuana) by students and employees on College property, and will continue to prohibit employees from working while under the influence of marijuana.

To this end the Graham County Community College District Governing Board has developed policies to:

1. Ensure that the Eastern Arizona College working and learning environment for students, employees and the public is safe, orderly and free of illegal activity.
2. Comply with the Drug Free School and Communities Act of 1989 (PL 101-26), the Drug Free Workplace Act of 1988 (PL 100-690, Title IV, Subtitle D) and other relevant substance abuse laws.
3. Provide students with access to appropriate treatment and rehabilitation assistance for problems associated with substance use or abuse.

REF: GCCCD Policy #4710 and Regulation #4710.01 which specify for employees the standards of conduct and consequences of violation, and Regulation #5800.02 which specifies for students the standards of conduct and consequences of violation in relation to drug and alcohol use.

### II. Standards of Conduct

The above referenced policies spelled out in detail in the Eastern Arizona College General Catalog, state clearly that:

1. The manufacture, distribution, dispensing, possession or use of a controlled substance by any person on District property or as part of any of the District's activities is prohibited.
2. A "controlled substance" is defined as an illegal drug, a legal drug used in excess of recommended dosage, an alcoholic beverage and/or any other mind altering substance. Marijuana, even when employed for a medical use, is considered to be a "controlled substance" under this Section.
3. Employees are prohibited from ingesting any controlled substance at work and from being at work while under the influence of any controlled substance. For the purpose of this Section, the College will not consider an employee who is a "registered qualifying patient" within the meaning of the Arizona Medical Marijuana Act to be under the influence of marijuana solely because of the presence of marijuana metabolites.

### III. Sanctions for Violation of Standards of Conduct

Disciplinary actions include, but are not limited to:

1. Termination of Enrollment/Employment within the District.
2. Requirement to participate satisfactorily in a substance abuse assistance or rehabilitation program, or
3. Other enrollment/employment restrictions or stipulations, or combination of enrollment/employment restrictions or stipulations.

### IV. Legal Consequences of Alcohol Abuse & Illicit Drugs Use

1. Laws Governing Alcohol  
The State of Arizona sets twenty-one as the "legal drinking age." An underage person who buys, receives, possesses or consumes alcoholic beverages is guilty of a misdemeanor and may be subject to a fine and imprisonment for up to six months. The Uniform Act Regulating Traffic on Highways prohibits driving while under the influence of intoxicating liquor or drugs (DUI). Drivers charged with DUI who refuse to be tested face suspension of their licenses or permits to drive for 12 months. A driver whose test results show a blood or breath alcohol concentration of 0.08 or more will have his/her license or permit to drive suspended or denied for not less than 90 consecutive days. The punishment for DUI ranges from not less than 10 days in jail and a fine of not less than \$250 for a first offense to a minimum of 90 days in jail and revocation of the driver's license for one year upon a second offense.
2. Laws Governing the Use of Drugs  
**Federal Laws:** The Federal Comprehensive Drug Abuse Prevention and Control Act prohibits the possession, sale and trafficking of controlled substances. The Omnibus Drug Act of 1988 allows the following penalties for conviction of possession of illegal drugs: civil fines up to \$10,000; forfeiture of cars, boats, or planes conveying the substance; loss of public housing; the loss of all federal benefits including student loans and grants.  
**Arizona Laws:**  
a. Title Thirteen, Chapter 34 of the Arizona Revised Statutes lists drug offenses and their penalties. Following is a list of drugs which are frequently misused with a description of the potential penalties attached to a conviction.  
i. Marijuana: First offense for possession or use of marijuana in an amount of less than two pounds constitutes a Class 6 felony and carries a possible prison term of 1.5 years and related fines. The sale of marijuana in an amount of less than two pounds carries a prison sentence of .5-1.5 years and related fines.  
ii. LSD: Possession, use and sale of LSD are class 4 felonies carrying sentences from 1.5-3 years and related fines.  
iii. Heroin and Cocaine: Use and sale of heroin and cocaine are class 2 felonies carrying sentences from 4-10 years and related fines.

Title 36, Chapters 28.1 of the Arizona Revised Statutes codifies the Arizona Medical Marijuana Act, which protects certain individuals from prosecution for the medical use of marijuana. Among other things, the Act:

1. Does not authorize any person to smoke marijuana in any public place.
2. Does not require an employer to allow any employee to use, possess, or be under the influence of marijuana at work or during work hours.
3. Does not require any person or establishment in lawful possession of property to allow a guest, client, customer or other visitor to use marijuana on or in that property.
4. Does not authorize any person to undertake any task under the influence of marijuana that would constitute negligence or professional malpractice.

### V. Health Risks Associated with the Use of Illicit Drugs and the Abuse of Alcohol

1. Illicit Drug Use: Controlled substances subject to illicit use are divided into several broad categories:
  - Narcotics (Morphine, Opium, Heroin) are highly addictive. The effects of their use generally leads to feelings of euphoria, drowsiness, respiratory depression, constricted pupils, and nausea. Overdose is characterized by slow and shallow breathing, clammy skin, convulsions, coma, and possible death.
  - Depressants (Barbiturates, Chloral Hydrate, Quaalude) are moderately to highly addictive. Effects include slurred speech, disorientation, and drunken behavior without the odor of alcohol. Overdose results in shallow respiration, clammy skin, dilated pupils, weak and rapid pulse, coma, and possible death.
  - Stimulants (Cocaine, Amphetamine) are not known to be physically addictive but create a high psychological dependence. Effects of use are increased alertness, excitation, euphoria, increased pulse rate and blood pressure, insomnia, and loss of appetite. An overdose can lead to agitation, increase in body temperature, hallucinations, convulsions, and possible death.
  - Hallucinogens (LSD, Mescaline and Peyote, TCP) are not known to be addictive. The effects of use include illusions and hallucinations, and poor perception of time and distance. Overdose causes longer, more intense "trip episodes," psychosis, and possible death.
  - Cannabis (Marijuana, Hashish) is moderately psychologically addictive. Effects include euphoria, relaxed inhibitions, increased appetite, and disoriented behavior. Overdose results in extreme fatigue, paranoia and possible psychosis
2. Alcohol consumption causes a number of marked changes in behavior. Even low doses significantly impair the judgment and coordination required to drive a car safely, increasing the likelihood that the driver will be involved in an accident. Low to moderate doses of alcohol cause marked impairments in higher mental functions, severely altering a person's ability to learn and remember information. Very high doses cause respiratory depression and death. If combined with other depressants of the central nervous system, much lower doses of alcohol will produce the effects just described.

Repeated use of alcohol can lead to dependence. Sudden cessation of alcohol intake is likely to produce withdrawal symptoms, including severe anxiety, tremors, hallucinations, and convulsions. Alcohol withdrawal can be life threatening. Long-term consumption of large quantities of alcohol, particularly when combined with poor nutrition can also lead to permanent damage to vital organs such as the brain and the liver.

Mothers who drink alcohol during pregnancy may give birth to infants with fetal alcohol syndrome. These infants have irreversible physical abnormalities and mental retardation. In addition, research indicates that children of alcoholic parents are at greater risk than other youngsters of becoming alcoholics.

### VI. Drug or Alcohol Counseling, Treatment, Rehabilitation or Re-entry Programs That are Available to Employees or Students

Eastern Arizona College does not provide direct drug or alcohol counseling, treatment or rehabilitation services. Students or employees with concerns related to the use/abuse of drugs or alcohol are encouraged to meet with a member of the Academic Advising staff on the Thatcher Campus for confidential consultation and referral. Academic Advising staff are located in the Student Services Building on Stadium Avenue on the Thatcher Campus. Appointments can be made by calling (928) 428-8253. Arizona State Prison inmates are encouraged to contact the Program Supervisor at their institutions. Inmates at the Federal Correctional Institution (Swift Trail) should contact the FCI Psychology Department.

Direct contact with organizations or individuals providing drug or alcohol counseling, treatment or rehabilitation services can be made by students or employees depending on location:

- Graham County, Southeastern Arizona Behavioral Health Services (SEABHS), Safford: (928) 428-4550
- Greenlee County, Southeastern Arizona Behavioral Health Services (SEABHS), Clifton: (928) 865-4531

### VII. Confidentiality

This Program is not intended to create obligations or restrictions that may interfere with the confidential nature of counseling, clinical or therapeutic relationships. Confidentiality will be maintained in accordance with state and federal laws, including the Arizonans with Disabilities Act and the Americans with Disabilities Act.

For tuition purposes, your residence is determined according to statutory law (A.R.S. §15-1801 et seq.).

## SECURITY AND SAFETY

THE PERSONAL SAFETY AND WELL-BEING of the students, faculty and staff at Eastern Arizona College are always an important concern. You are encouraged to take responsibility for your own security and the security of others.

Many people are involved in keeping the campus safe and secure. A truly safe campus, however, can only be achieved through the cooperation of all students, faculty and staff.

Anyone at any campus location who becomes aware of a crime (or is the victim of a crime) or any emergency should make an accurate and prompt report of the occurrence to police or appropriate campus staff.

Fire, Medical, Police	911
Campus Police	(928) 428-8240 or (928) 428-8241
	After Hours (928) 965-8240
Graham County Sheriff (24-hour dispatch)	(928) 428-0808
Student Life Office	(928) 428-8354 (Mon - Fri, 8 a.m. - 5 p.m.)
Academic Advising Office	(928) 428-8253 (Mon - Fri, 8 a.m. - 5 p.m.)
Mark Allen On-Call Phone Number	(928) 322-1711
Residence Towers On-Call Phone Number	(928) 322-1711
Nellie Lee On-Call Phone Number	(928) 322-1711
Wesley Taylor On-Call Phone Number	(928) 322-1711
Residence Life Coordinator	(928) 428-8606
Director of Residence Life and Residence Life Office	(928) 428-8605

**Thatcher Campus Police/Security Physical Address:**

620 N. College Avenue  
Thatcher, AZ 85552

**CAMPUS POLICE/SECURITY**

EAC Campus Police Department is dedicated to providing a safe and secure environment for students, faculty and staff, and the surrounding community. The department is staffed by fully certified law enforcement officers and part-time security officers who provide safety and security services 24 hours-a-day. Our law enforcement officers meet Arizona Peace Officer standards and training requirements and are given the authority to enforce all campus rules, city ordinances, and state statutes.

**SECURITY AND MAINTENANCE OF CAMPUS FACILITIES**

Physical Resources (Maintenance) Department maintains and regularly inspects the buildings and grounds with a careful eye for safety and security. They also respond to reports of potential safety and security hazards (i.e. broken windows, locks, etc.) making prompt repairs. Campus Police/Security regularly patrols the campus and reports any hazardous conditions to the Physical Resources Department (i.e. malfunctioning doors, lights, etc.) which falls under their purview.

College classroom facilities must remain locked when not in use. To request access, individuals should submit a Facility Request form through Courshedog at least two weeks prior to use or contact the Vice President of Administration's office for permission to use a specific room or facility.

Students and employees are encouraged to report any maintenance-related, safety and security or potential safety and security hazards to:

Thatcher Campus

Physical Resources (Maintenance) Dept.	(928) 428-8300 (Closes at 3:00 p.m.)
Campus Police	(928) 428-8240 or (928) 428-8241
	After Hours (928) 965-8240
Graham County Sheriff (24-hour dispatch)	(928) 428-0808

**Safety and Security procedures and Alert Notifications**

Timely warnings will be issued, as prescribed by policy, to alert the campus community of certain crimes that pose a serious threat to safety to aid in the prevention of similar crimes. Students in residence halls are further instructed in areas of crime prevention through meetings in which printed and visual materials are reviewed and discussed. For additional safety information, Clery Act crime and fire statistics, policies and procedures relating to sexual violence, emergency response and other safety factors, review The Annual Security and Fire Safety Report at <https://eac.edu/wp-content/uploads/2024/02/security-and-fire-safetyreport.pdf>. To ensure that you receive timely warnings and emergency notifications, make sure your contact information is current. Report any updates to College's Admissions and Registration Office. All EAC students will receive these notifications through their Monster Mail account, and cell phones that have been included with your contact information.

**Illegal Drugs or Alcohol Not Permitted on Campus**

Eastern Arizona College seeks to encourage and sustain an academic environment that both respects individual freedom and promotes the health, safety and welfare of all members of its community.

In keeping with these objectives, the College has established a policy and set up guidelines governing the possession and/or consumption of alcoholic beverages and illegal substances.

Alcohol is not permitted anywhere on the College campus at any time. Likewise, the College does not permit the use of marijuana, LSD, cocaine or any other illegal drug on the College campus. Individuals possessing, using or distributing such drugs are subject to disciplinary action (such as formal reprimands, community service, referral to counseling, suspension and expulsion) and possible arrest, imprisonment or fine, according to Arizona state law.

**Who Can Help if I or a Friend Have a Problem with Substance Abuse?**

Eastern's Academic Advising Department provides professional and confidential counseling and referrals to help students with substance abuse problems.

The Academic Advising Department is located in the Student Services Building at 615 North Stadium Avenue, Thatcher, Arizona or may be contacted by calling (928) 428-8253.

All students and employees will receive a copy of regulations 4710.01 and 5800.01 regarding the Drug Free Schools and Communities Act.

**Personal Safety and Protection against Sexual Assault or Violent Crime**

Eastern Arizona College considers the personal safety of students, employees, and visitors an essential element in the maintenance of a learning environment and has a responsibility to ensure they can enjoy the benefits and opportunities the College has to offer in this environment, free from:

- Dating Violence
- Domestic Violence
- Sexual Assault
- Stalking
- Bullying
- Sexual Harassment
- Sexual Misconduct
- Retaliation

Every member of the College community should be aware that the College is strongly opposed to sexual assault, violence, and other threatening or endangering behavior (see full list above). Federal law and EAC's Student Code of Conduct and policies, prohibits such behavior.

**DUTY TO REPORT**

Any employee who receives a complaint of discrimination, harassment, or sexual misconduct or becomes aware, directly or indirectly, of a behavior that violates Title IX is required to report the alleged misconduct immediately to the Title IX Coordinator.

EAC is required by law and College policy to investigate good faith complaints of sexual misconduct. All complaints, formal or informal, will be investigated in a manner that is prompt, adequate, and impartial.

**TITLE IX - SEXUAL HARASSMENT**

Eastern Arizona College adheres to all federal, state, and local civil rights laws prohibiting discrimination in employment and education. The College does not discriminate in its admissions practices, in its employment practices, or in its educational programs or activities on the basis of sex/ gender. As a recipient of federal financial assistance for education activities, the College is required by Title IX of the Education Amendments of 1972 to ensure that all of its education programs and activities do not discriminate on the basis of sex/gender.

Any member of the campus community, guest, or visitor who acts to deny, deprive, or limit the educational, employment, residential, or social access, opportunities and/or benefits of any member of the College community on the basis of sex is in violation of Regulation 2075.01- Procedures for Alleged Violations of the Title IX Sexual Harassment Regulations.

Any person may report sex discrimination (whether or not the person reporting is the person alleged to have experienced the conduct), in person, by mail, by telephone, by video, or by email, using the contact information listed for the Title IX Coordinator (below). A report may be made at any time (including during non-business hours) by emailing the Title IX Coordinator or using this electronic form <https://eac.edu/about/title-ix/>.

Questions regarding Title IX, including its application and/or concerns about noncompliance, should be directed to the Title IX Coordinator. For a complete copy of the regulation or for more information, please visit Regulation 2075.01 or contact the Title IX Coordinator or go to: <https://eac.edu/about/title-ix/index.php>. Individuals who believe they have experienced sex discrimination, harassment, and/or retaliation in violation of this regulation may contact an Official With Authority or the Title IX Coordinator directly.

**EAC TITLE IX TEAM**

**TITLE IX COORDINATOR**

Laurie Pennington  
 Director, Risk Management  
 (928) 428-8488  
[laurie.pennington@eac.edu](mailto:laurie.pennington@eac.edu)

**TITLE IX DEPUTY COORDINATOR**

Candee Skousen  
 Director, Residence Life  
 (928) 428-8605  
[candee.skousen@eac.edu](mailto:candee.skousen@eac.edu)

**TITLE IX INVESTIGATOR**

Paul Demuth  
 Director, Athletics  
 (928) 428-8414  
[paul.demuth@eac.edu](mailto:paul.demuth@eac.edu)

**TITLE IX ADVISORS**

Dr. Aaron Westerfield  
 Director, Accreditation and Effectiveness  
 (928) 428-8342  
[aaron.westerfield@eac.edu](mailto:aaron.westerfield@eac.edu)

Kenny Smith  
 Dean of Student Services  
 (928) 428-8291  
[kenny.smith@eac.edu](mailto:kenny.smith@eac.edu)

Patti Wren  
 Student Life Administrator  
 (928) 428-8384  
[patti.wren@eac.edu](mailto:patti.wren@eac.edu)

Dr. Nan Pennington  
 Professor Psychology  
 (928) 428-8350  
[nan.pennington@eac.edu](mailto:nan.pennington@eac.edu)

**APPEALS OFFICERS**

Alma Flores  
 Associate Director, Assistant Controller  
 (928) 428-8220  
[alma.flores@eac.edu](mailto:alma.flores@eac.edu)

Nathan Smith  
 Director, Budgets and Purchasing  
 (928) 428-8919  
[nathan.smith@eac.edu](mailto:nathan.smith@eac.edu)

**Reporting**

The guiding principle in the report of a sexual assault or violent crime is to avoid re-victimizing the survivor by forcing the person into any plan of action. Assistance with the well-being of the survivor is the primary goal. Victims may contact any one of several College departments or community agencies for assistance. The following resources provide immediate aid or ongoing consultation:

Fire, Medical, Police	911 or 9-911 from a Thatcher campus phone
Thatcher Campus Police	(928) 428-8240 or (928) 428-8241 After hours (928) 965-8240
Graham County Sheriff (24-hour dispatch)	(928) 428-0808
Sexual Assault 24/7 Crisis Line	(800)-400-1001
Mt. Graham Safe House (Safford)	(928) 348-9104
Student Life Office	(928) 428-8354 (Mon - Fri, 8 a.m. - 5 p.m.)
Academic Advising Office	(928) 428-8253 (Mon - Fri, 8 a.m. - 5 p.m.)
Mark Allen On-Call Phone Number	(928) 322-1711
Nellie Lee On-Call Phone Number	(928) 322-1711
Residence Towers On-Call Phone Number	(928) 322-1711
Wesley Taylor On-Call Phone Number	(928) 322-1711
Residence Life Coordinator	(928) 428-8606
Director of Residence Life	(928) 428-8605

In the event of a medical emergency, medical response personnel will be contacted. In the case of a sexual assault, emergency medical personnel are required to report the assault to the local law enforcement agency. However, the assault survivor who does not wish to see the police will be encouraged to seek a medical exam to treat physical problems and address the potential for injury, venereal disease, HIV, or pregnancy. The Rape Crisis Hotline can assist with these arrangements whether or not the survivor chooses to report the incident.

It is recognized that a sexual assault survivor may be undecided in reporting the assault to the police. A report to the police can empower the survivor in exercising legal rights and aid in the protection of others. If a report is to be made to the police, the survivor will be encouraged not to destroy evidence by cleaning up their person, clothing or bedding in any way. If the sexual assault survivor is undecided in reporting, the survivor will be encouraged to preserve evidence anyway in case it is decided to file a police report at a later date.

If the survivor has decided not to report the assault, the report recipient will maintain confidentiality. Other alternatives include:

- Make an anonymous report to police
- Make a report at a later date with the understanding that a report made after 72 hours may limit prosecution efforts.

Sexual assault survivors may seek counseling at any time from the College's counseling services or the Rape Crisis Hotline.

#### COMMUNICABLE DISEASE TRANSMISSION CONTROL

When Eastern Arizona College officials have probable cause to believe that a student or employee has contracted a communicable disease which, through transmission, may present significant injury and/or risk to the health or safety of others, those individuals will be required to seek immediate medical attention (at personal expense), or be removed from all campus activities and/or facilities. Following medical attention, and upon recommendation from an attending physician or other qualified medical provider, the Dean of Students, or the Director of Human Resources, or other official as designated by the College President, may require the student or employee to be isolated. This isolation may include, but not be limited to, temporary removal of the student from a residence hall, campus employment and classes or, for an employee, removal, or reassignment of workspace. Individual cases will not be prejudiced; rather, decisions will be made based upon the recommendation of the attending physician, medical provider, and/or public health guidelines.

The College has established specific areas in the residence halls for accomplishing the isolation or quarantine of a student living in a residence hall with an identified communicable disease. In the event that space is not available in a residence hall, it will be the responsibility of the student living in the residence hall to secure other accommodations. An official from the County Health Department will most likely notify the College in the event of an outbreak, epidemic, or pandemic, and that a student in a College residence hall has been identified as having a communicable disease; but it is also the responsibility of a student or employee to disclose this information to the Dean of Students or Director of Human Resources in order to avoid transmission of the communicable disease to others.

Students and employees with certain identified communicable diseases not related to an outbreak, epidemic, or pandemic, may attend classes, or be employed on the College campus(es), through an accommodation, when the risk of transmission of a disease and/or the risk of further exposure/injury to others is sufficiently remote in such setting so as to be outweighed by the detrimental effects resulting from the individuals' exclusion from the campus. Anyone requesting an accommodation for a disability should contact the College's Section 504/ADA Coordinator, Candace Lines, who is located in the Academic Advising Department in the Student Services Building, Office of Disability Resource Services, 615 N. Stadium Avenue, Room 139, Thatcher, Arizona 85552, or by calling (928) 428-8425, or by email at [candace.lines@eac.edu](mailto:candace.lines@eac.edu). For more information related to the College's Disability Resource Services, visit its website at: <https://eac.edu/current-students/disability-resource-services/>.

The College shall respect the right to privacy of any student or employee who has a communicable disease. The affected person's medical condition shall be disclosed only to the extent necessary to minimize the health risks to other students and or staff. The Dean of Students or Director of Human Resources, or other official as designated by the College President, shall determine appropriate dissemination of information.

#### HEALTH SERVICES

All students are expected to provide their own health and accident insurance. When hospitalization or ambulance service is considered necessary, the College assumes no financial responsibility. Brochures describing health insurance programs for domestic and international students and dependents are available upon request from the Student Life Office on the Thatcher Campus.

For more information regarding campus health and wellness matters, visit the College's website at <https://eac.edu/current-students/activities-campus/about-the-flu/>.

#### Annual Security and Fire Safety Report

Eastern Arizona College complies with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, 20 U.S. Code §1092(f) and the Higher Education Opportunity Act of 2008, by distributing an Annual Security and Fire Safety Report. The report is intended to inform the campus community of campus safety information, Clery Act crime statistics, on-campus housing fire data and statistics, and policies and procedures relating to sexual violence, emergency response, and other safety factors. A copy of EAC's Annual Security and Fire Safety Report is available for review at <https://eac.edu/student-life/campus-safety.php>. Additional copies are available in EAC's District Office.

#### DAILY CRIME LOG AND FIRE LOG

A daily crime log listing all crime and alleged criminal incidents reported to campus police/security is available on-site, during normal business hours, at each of the campuses.

A fire log containing all reported fires that occurred at any of EAC's on-campus student housing facilities is available during normal business hours at the Housing Office located at 900 N. College Avenue, Thatcher AZ.

#### SEX OFFENDER COMMUNITY NOTIFICATION

Arizona Revised Statutes Title 13 - Criminal Code §13-3821 requires persons convicted of sexual offenses as described in that code to register within 72 hours with the Sheriff of the county they reside in after their release or move to a new location. The responsible law enforcement agency conducts a risk assessment of the offender's likelihood to re-offend and assigns a risk level to the sex offender. Level 1 (low risk), Level 2 (intermediate risk), and Level 3 (high risk).

Arizona Revised Statutes Title 13 - Criminal Code §13-3826 establishes a Community Notification Guidelines Committee composed of the State Attorney General, state legislators, representatives from the state's sheriffs, chiefs of police, county attorneys, adult probation officers, and parole administrators, the Director of the Department of Public Safety or their designee, the Director of the Department of Transportation or their designee, and a licensed psychologist examiner. This committee has established guidelines and monitors their implementation that provide levels of notification based on the risk that a particular offender poses to their community.

For Level 3 (high risk of re-offending) offenders and Level 2 (intermediate risk of re-offending) offenders, §13-3826 states the notification shall be made to the surrounding neighborhood, area schools, appropriate community groups, and prospective employers. The notification shall include a flyer with a photograph and exact address of the offender as well as a summary of the offender's status and criminal background. A press release and a level three flyer shall be given to the local electronic and print media to enable information to be placed in a local publication.

The Eastern Arizona College Police Department will be placing Level 2 and 3 Sex Offender notifications on its website at the following location <https://eac.edu/student-life/campus-safety-sex-offender/> as part of its compliance with the above requirements when it is determined that a Level 2 or 3 sex offender is a student or employee of the College. Additional sex offender information can be obtained on the Arizona Department of Public Safety Sex Offender website at <https://azdps.gov/content/basic-page/106>.

#### Social Security Number Use

EAC does not use the social security number of faculty, staff and students as that individual's EAC Identification Number. Faculty, staff and students are assigned a random EAC identification number at their first enrollment or employment with EAC. Students are requested, but not required, to provide their social security number to facilitate awarding of financial aid, for learning or tuition credits for income tax purposes, and for supplementary identification purposes when necessary. Neither the social security number nor the EAC identification number are shared to third parties without the written consent of the student.

#### Veterans Information

Every Veteran claiming Veteran's Educational Benefits is responsible for notifying the Veteran's representative at Eastern Arizona College of any change in his/her schedule which causes an increase or decrease in credit hour load as soon as the change occurs. For questions, please contact the Veteran's Representative in the Financial Aid and Veterans Services Office on the Thatcher Campus of Eastern Arizona College or phone (928) 428- 8287, or 1-800-678-3808, Ext. 8287.

#### Voter Registration Forms

Mail in voter registration forms for Graham and Greenlee Counties are available for all enrolled students and the public. Forms can be obtained at the reception desk in the Student Services Building on the Thatcher Campus. Voter registration forms may also be requested from the following:

**Arizona Residents:** Call toll free 1-877-THE VOTE (1-877-843-8683) or Access the Vote Arizona web page at [www.azsos.gov](http://www.azsos.gov) for election information, voter information, and registration forms. You may also register to vote at <https://vote.gov/register/az/>.

**New Mexico Residents:** Call 1-800-477-3632 and ask for the Bureau of Elections

**All Other States:** Access the National Voter web page at [www.vote.gov](http://www.vote.gov).

## ACADEMIC REGULATIONS

### ACADEMIC GOOD STANDING

**Academic Good Standing.** A cumulative grade point average (GPA) of 2.0 or higher.

**Academic Probation.** If an enrolled student's cumulative GPA after attempting 12 or more credits in either the fall or spring semester falls below 2.0, the student will be placed on academic probation. In the subsequent fall or spring semester, the student will be allowed to register for no more than sixteen (16) credits.

**Extended Academic Probation.** At the end of the academic probation semester, if the student fails to raise his/her GPA to 2.0 or higher, the student will be placed on extended academic probation. While on extended academic probation, the student will be limited to seven (7) credit hours in subsequent semesters and summer sessions until the student's GPA is 2.0 or higher.

**Appeal of Academic Probation or Extended Academic Probation.** If a student believes he/she was placed on academic probation or extended academic probation as a result of extenuating circumstances, the student may petition the Admissions and Academic Standards Appeals Committee for an exception.

### ATTENDANCE

You are expected to attend all class meetings and laboratory sessions for which you are registered. Instructors will advise you in writing of class policies governing absences, punctuality, make-up assignments, and exams at the beginning of each term. Should you miss class for two consecutive weeks, you may be withdrawn from the course.

### ABSENCES

Absences accumulate beginning with the first day of class.

**Official Absences.** Absences from class due to authorized participation in College sponsored activities will be considered as official absences. There will be no institutionally sanctioned penalty associated with official absences. Designation of official absences will be made through the office of the Vice President of Academic and Student Affairs.

**Unofficial Absences.** Absences other than official absences will be considered as unofficial absences. Instructors are authorized to withdraw a student from class for excessive unofficial absences.

## MAKE-UP ASSIGNMENTS AND EXAMS

It is your responsibility to make up any assignments or exams missed because of either an official or unofficial absence. Arrangements for make-up assignments or exams must be made with the individual instructor prior to the absence. At the discretion of the instructor, you may be denied the opportunity to make up assignments or exams missed because of an unofficial absence. Make-up assignments or exams for official absences shall not be punitive in nature.

## PUNCTUALITY

You are expected to be prompt in attending each of your classes. Instructors are authorized to take appropriate actions, including withdrawing you from class, because of excessive tardiness.

## THE CREDIT SYSTEM

Credit is given by means of a semester credit system which assigns each course a certain number of credits. A credit usually represents three hours of work each week in a 16-week semester; it may stand for an hour of classroom work and two hours of preparation, for three hours of laboratory work, or for some other combination as the particular course may demand.

## AWARDING TRANSFER CREDIT

To apply credit earned at another accredited institution of higher education towards an EAC degree, a student must have each of their former colleges send an official college transcript directly to EAC's Admissions and Registration Office. The College accepts electronic and mailed official transcripts. The College does not accept faxed or emailed transcripts. A student may receive transfer credit for courses taken at another accredited higher education institution in which they received a grade of "C" or better.

Eastern Arizona College uses the AZTransfer and TES College Source websites to evaluate student transcripts. AZTransfer has established with all AZ community colleges and state universities common general education core course numbers designated as Sun Numbers. Any course assigned with a Sun Number transfers to each AZ institution as identified in the Sun Matrix Report found at <http://aztransmac2.asu.edu/cgi-bin/WebObjects/ATASS.woa/wa/SUNMatrix>. In addition, EAC uses the AZ Transfer Course Equivalency Guide (CEG) and Community College CEG to help evaluate official college transcripts from other AZ colleges.

EAC also uses the Transfer Evaluation System (TES) from CollegeSource to review course descriptions and store equivalencies from all other institutions.

When transfer courses are determined to be equivalent or similar to EAC courses, the student will receive credit for the equivalent EAC courses. Courses that are determined to not be equivalent or similar to EAC courses may transfer as elective credit. Students may view their evaluated courses displayed on their unofficial transcripts in their myEAC student portal. To review an evaluation of transfer courses contact the Admissions and Registration Office at (928) 428-8270.

In unusual circumstances, a student may petition the Admissions and Academic Standards Appeals Committee for credit for transfer courses in which a grade of "D" was received.

Courses taken from another institution while a student is academically suspended from EAC will not be accepted by EAC.

Accredited higher education institutions are those that are fully accredited by the Higher Learning Commission, New England Association of Schools and Colleges, Middle States Association of Colleges and Schools, Northwest Association of Schools and Colleges, Southern Association of Colleges and Schools, and/or the Western Association of Schools and Colleges.

Transfer credit from non-accredited postsecondary institutions may also be accepted if such credits represent equivalent or higher level work at Eastern Arizona College.

Prerequisite courses taken over ten years ago may not prepare a student for the subsequent course due to changes in the body of knowledge in the field being studied.

## NATIONAL STANDARDIZED EXAMINATIONS

A student may be awarded college credit for satisfactory scores on national standardized examinations listed in the American Council on Education's "A Guide to Educational Credit by Examination, 4th Edition," or its successor.

CLEP is an example of such an examination. The College's Evaluation/ Testing Center administers the CLEP. There is a fee for the CLEP exam. If a student intends to transfer to another college or university they are cautioned that policies governing the awarding of CLEP credit vary from institution to institution. In all cases, scores earned for CLEP examinations will have to be submitted separately to each institution at which credit is being sought.

## BUSINESS

CLEP Subject Examination with a score of 50 or more:	Equivalent EAC Courses	Credit Granted
Financial Accounting	BUA 233	3
Business Law, Introductory	BUA 245	3
Information Systems & Computer Applications	CMP 103	3
Management, Principles of	BUS Electives	3
Marketing, Principles of	SBM 111	3

## COMPOSITION AND LITERATURE

CLEP Subject Examination with a score of 50 or more:	Equivalent EAC Courses	Credit Granted
American Literature	Departmental Electives	3
Analyzing and Interpreting Literature	ENG 218	3
College Composition	ENG 101	3
English Literature (without essay)	Departmental Electives	3
Humanities	Humanities Electives	6

## HISTORY AND SOCIAL SCIENCES

CLEP Subject Examination with a score of 50 or more:	Equivalent EAC Courses	Credit Granted
American Government	POS 110	3
History of the United States I: Early Colonization to 1877	HIS 101	3
History of the United States II: 1865 to the Present	HIS 102	3
Human Growth and Development	ECE 171 / PSY 171	3
Macroeconomics, Principles of	BUA 221	3
Microeconomics, Principles of	BUA 223	3
Psychology, Introductory	PSY 101	3
Social Sciences and History	Social Sciences Elective	6
Sociology, Introductory	SOC 101	3
Western Civilization I: Ancient Near East to 1648	HIS 104	3
Western Civilization II: 1648 to the Present	HIS 105	3

## LANGUAGES

Examination	Score Range Required	Course	Credits
French Language	50-54	FRE 101	4
French Language	55-61	FRE 101, 102	8
French Language	62-65	FRE 101, 102, 201	12
French Language	66-80	FRE 101, 102, 201, 202	16
German Language	39-45	GER 101	4
German Language	46-50	GER 101, 102	8
German Language	51-59	GER 101, 102, 201	12
German Language	60-80	GER 101, 102, 201, 202	16
Spanish Language	50-54	SPA 101	4
Spanish Language	55-65	SPA 101, 102	8
Spanish Language	66-67	SPA 101, 102, 201	12
Spanish Language	68-80	SPA 101, 102, 201, 202	16

## SCIENCE AND MATHEMATICS

CLEP Subject Examination with a score of 50 or more:	Equivalent EAC Courses	Credit Granted
Precalculus Algebra	MAT 151	4
Biology	BIO Department Elective	3
Calculus	MAT 221	5
Chemistry	CHM 151	4
College Mathematics	MAT 140	3
Natural Sciences	Non-laboratory science elective	3
Precalculus	MAT 181	5

## CREDIT BY ARTICULATION WITH SECONDARY SCHOOLS

High school students participating in a secondary program articulated with Eastern Arizona College will receive college credit according to the terms of the articulation agreement with the specific secondary school. Credits earned via articulated secondary programs may not be transferable, depending on the policies of the receiving institution.

## CREDIT BY DEPARTMENTAL EXAMINATION

If a student has acquired college level knowledge or skill through work or life experiences for which they have not received college credit, they may petition the Admissions and Academic Standards Appeals Committee to earn college credit by taking an EAC Departmental Exam provided the student is not currently enrolled in that course nor seeking credit for a lower level course after successfully completing a higher level course. This petition may be obtained through the student's Gila Hank Online account. Upon approval of the student's petition, a comprehensive written and/or performance examination (not the course final exam) relating experience to course content will be administered by an instructor designated by the Vice President of Academic and Student Affairs. The examination will be documented by filing results in EAC's Admissions and Registration Office. If proper test administrators are not available at the time of the request, the student must wait until the test administrator is available. Permission to take such an exam is limited to subject areas offered by Eastern Arizona College in which competency can be measured satisfactorily by a written or performance test. A course may be challenged only one time. Credit awarded on this basis will be recorded on an official transcript only upon completion of 16 credit hours at Eastern Arizona College and will be shown on the transcript as "credit by departmental examination." A credit by examination fee will be charged for the examination (see catalog, section "Other Fees"). Upon transfer, acceptance of credit awarded by means of departmental exam may be treated differently by the receiving institution.

## CREDIT FOR INTERNATIONAL BACCALAUREATE

Credit may be awarded for International Baccalaureate coursework. An official translation from an approved accredited translation body by NACES or AICE must be obtained for any transcript that is non-English. Transcripts submitted to the Admissions and Registration Office will be evaluated on a course by course basis.

## CREDIT FOR ADVANCED PLACEMENT

Testing and evaluation for Advanced Placement will be uniform throughout the District and shall be applied uniformly by divisions and individual instructors.

The following list shows the EAC credit awarded for specific advanced placement examinations.

**Art (2-D Design).** An AP Exam score of 4 or 5 earns credit for EAC course ART 101, for 3 credits. A score of 1, 2, or 3 earns no credit.

**Art (History).** An AP Exam score of 4 or 5 earns credit for EAC courses ART 133 and 134, for 6 credits. An AP Exam score of 3 earns credit for EAC course ART 133 or ART 134, for 3 credits. A score of 1 or 2 earns no credit.

**Art (Drawing).** An AP Exam score of 4 or 5 earns credit for EAC course ART 111 for 3 credits. A score of 1, 2 or 3 earns no credit.

**Biology.** An AP Exam score of 4 or 5 earns credit for EAC courses BIO 181 and 182, a total of 8 credits. A score of 3 earns credit for BIO 100, for 4 credits. A score of 1 or 2 earns no credit.

**Calculus AB.** An AP Exam score of 3, 4 or 5 earns credit for EAC course MAT 221, for 5 credits. A score of 1 or 2 earns no credit.

**Calculus BC.** An AP Exam score of 4 or 5 earns credit for EAC courses MAT 221 and 230, a total of 9 credits. An AP Exam score of 3 earns credit for EAC course MAT 221 for 5 credits. A score of 1 or 2 earns no credit.

**Chemistry.** An AP Exam score of 5 earns credit for EAC courses CHM 151 and 152, a total of 8 credits. A score of 4 earns credit for CHM 151 for 4 credits. A score of 1, 2 or 3 earns no credit.

**Comparative Government & Politics.** An AP Exam score of 4 or 5 earns credit for EAC department elective credit, for 3 credits. A score of 1, 2 or 3 earns no credit.

**English Language/Composition.** An AP Exam score of 4 or 5 earns credit for EAC course ENG 101 for 3 credits. A score of 1, 2 or 3 earns no credit.

**English Literature/Composition.** An AP Exam score of 4 or 5 earns credit for EAC course ENG 101 or Dept. Electives, for 3 credits. A score of 1, 2 or 3 earns no credit.

**Environmental Science.** An AP Exam score of 4 or 5 earns credit for EAC course BIO 105, for 4 credits. A score of 1, 2 or 3 earns no credit.

**European History.** An AP Exam score of 4 or 5 earns credit for EAC courses HIS 104 and 105, a total of 6 credits. A score of 1, 2 or 3 earns no credit.

**French Language.** An AP Exam score of 3, 4 or 5 earns credit for EAC courses FRE 101, 102, 201 and 202, a total of 16 credits. A score of 1 or 2 earns no credit.

**German Language.** An AP Exam score of 3, 4 or 5 earns credit for EAC courses GER 101, 102, 201 and 202, a total of 16 credits. A score of 1 or 2 earns no credit.

**Japanese Language.** An AP Exam score of 3, 4 or 5 earns credit for EAC courses JON 101 and 102, a total of 10 credits. A score of 1 or 2 earns no credit.

**Macroeconomics.** An AP Exam score of 4 or 5 earns credit for EAC course BUA 221, for 3 credits. A score of 1, 2 or 3 earns no credit.

**Microeconomics.** An AP Exam score of 4 or 5 earns credit for EAC course BUA 223, for 3 credits. A score of 1, 2 or 3 earns no credit.

**Music Theory.** An AP Exam score of 4 or 5 earns credit for EAC course MUS 105 and MUS 107, for 6 credits. A score of 1, 2 or 3 earns no credit.

**Physics 1.** An AP Exam score of 4 or 5 earns credit for EAC course PHY 111, for 4 credits. A score of 1, 2 or 3 earns no credit.

**Physics 2.** An AP Exam score of 4 or 5 on earns credit for EAC course PHY 112, for 4 credits. A score of 1, 2, or 3 earns no credit.

**Physics C: Electricity and Magnetism .** An AP Exam score of 3, 4, or 5 on earns credit for EAC course PHY 112, for 4 credits. A score of 1 or 2 earns no credit.

**Physics C: Mechanics.** An AP Exam score of 3, 4 or 5 on Electricity and Magnetism earns credit for EAC course PHY 111, for 4 credits. A score of 1 or 2 earns no credit.

**Psychology.** An AP Exam score of 4 or 5 earns credit for EAC course PSY 101, for 3 credits. A score of 1, 2, or 3 earns no credit.

**Spanish Language.** An AP Exam score of 3, 4 or 5 earns credit for EAC courses SPA 101, 102, 201 and 202, a total of 16 credits. A score of 1 or 2 earns no credit.

**Spanish Literature and Culture.** An AP Exam score of 3, 4 or 5 earns credit for EAC courses SPA 101, 102, 201 and 202, a total of 16 credits. A score of 1 or 2 earns no credit.

**Statistics.** An AP Exam score of 3, 4 or 5 earns credit for EAC course MAT 160, for 3 credits. A score of 1 or 2 earns no credit.

**US Government and Politics.** An AP Exam score of 4 or 5 earns credit for EAC course POS 110, for 3 credits. A score of 1, 2 or 3 earns no credit.

**US History.** An AP Exam score of 4 or 5 earns credit for EAC courses HIS 101 and 102, a total of 6 credits. A score of 1, 2 or 3 earns no credit.

## CREDIT FOR APPRENTICESHIP TRAINING, LICENSING, AGENCY TRAINING, EXAMINATION, OR EVALUATION

If a student holds a valid and current license or accreditation for a specific skill or trade which included passing an exam by a state or nationally recognized Board and have been actively practicing that skill within the last five years, they may petition the Admissions and Academic Standards Appeals Committee for college credit in subject areas offered by EAC. The student must supply the name and address of the accrediting Board, trade school, or agency to EAC's Admissions and Registration Office.

If a student holds a valid and current license or accreditation for a specific skill or trade which included passing an exam by a state or nationally recognized Board and have been actively practicing that skill within the last five years, they may petition the Admissions and Academic Standards Appeals Committee for college credit in subject areas offered by EAC. The student must supply the name and address of the accrediting Board, trade school, or agency to EAC's Admissions and Registration Office.

Transcript wording will be "Credit by departmental evaluation." If there is a question about awarding of credit under these conditions, the student will be given the opportunity to earn the credits in question by examination as described under the Credit By Examination section. Credit earned by apprenticeship training, licensing, or other agency training or examination may not be transferable. Credit awarded on this basis will be recorded on an official transcript only upon completion of at least 16 credit hours in courses at Eastern Arizona College and will be shown on the transcript as "credit awarded by evaluation." Upon transfer, acceptance of credit awarded by evaluation may be treated differently by the receiving institution.

## CREDIT FOR MILITARY TRAINING

"The 2006 Guide to the Evaluation of Educational Experiences in the Armed Services" or its successor, published by the American Council of Education, is used as the basis for evaluating training and experience in the armed forces. A student may receive college credit if the armed services training parallels a curriculum area offered at Eastern Arizona College, and the credit meets a program requirement, or is used as elective credit. Credit awarded on this basis will be recorded on an official transcript only upon completion of at least 16 credit hours in courses at Eastern Arizona College and will be shown on the transcript as "military credit awarded by evaluation." Upon transfer, acceptance of credit awarded for military service may be treated differently by the receiving institution.

## GRADING

Each course in which you are enrolled at the close of registration for that course will be awarded one of the following grades:

Letters	Grades	Grade Points
A	Excellent	4 grade points per semester credit
B	Good	3 grade points per semester credit
C	Competent	2 grade points per semester credit
D	Passing- not transferable	1 grade point per semester credit- not transferable and may not meet graduation requirements
F	Failing	0 grade points per semester credit
I	Incomplete	not computed in GPA
P	Credit only	not computed in GPA. A "P" is judged to be equivalent to a grade of "C" or higher.
W	Withdraw	not computed in GPA
AU	Audit	not computed in GPA
LC	Grade not given in lab course or other zero credit course	not computed in GPA

Grade point averages are computed by multiplying the grade points earned by the corresponding credit and dividing the sum of those products by the total credit attempted.

## GRADE OF FAILING "F"

The Department of Education states, "An earned 'F' is assigned when a student completes the course but fails to achieve course goals." The grade of "F" or mark of failing will be given on final grade rolls when the student has participated in the course and has earned an F. An earned F shall be defined by all of the following indicators:

1. The student has not withdrawn themselves or requested to be withdrawn from the course prior to finals week.
2. The College has not withdrawn the student due to lack of participation reported by the instructor.
3. The instructor has not requested the student to be withdrawn through the proper channels after the 45th day rolls.
4. The student's grade for the course has been calculated as a failing grade.

An earned "F" is not given for non-participation. A student who does not participate will be withdrawn from the course.

## GRADE OF INCOMPLETE "I"

The grade of Incomplete (I) may be given for reasons acceptable to the instructor if you do not complete the objectives of the course during enrollment. Incompletes may be changed to grades when, upon contract with instructors, the objectives of the courses involved are completed at a passing level. A student is solely responsible for making arrangements with instructors to complete course requirements. The course must be completed and a grade recorded by the end of the next regular semester following the Incomplete, or a grade of "F" will be recorded for the course.

## GRADE OF PASS "P"

"P" grades are not calculated in your GPA. A "P" grade is normally available only to the non-transfer student. The Academic Standards Committee may approve a petition for up to 6 units of "P" grades to be applied toward fulfilling graduation requirements in a university parallel curriculum. "P" grades changed by petition are equivalent to "C" grades.

## GRADE OF WITHDRAWAL "W"

You may obtain the grade of Withdrawn (W) by officially withdrawing from a class within the allotted time frame. Ceasing to attend a class does not constitute withdrawal; however, faculty can initiate an official withdrawal from a course.

## GRADE OF AUDIT "AU"

The grade of Audit (AU) is given to students who officially enroll in a course as an auditor to obtain course information and do not wish to earn college credit. When auditing, students pay the regular tuition and fee charges in addition to the audit fee as specified in the fee schedule.

Nursing is a competitive entry program, and students cannot advance in the nursing program without a letter grade. Therefore, NUR courses cannot be audited.

## GRADES FOR REPEATED COURSES

A student may repeat a course previously taken at Eastern Arizona College in order to improve their grade or to update their knowledge of the course material. When a course is repeated, credit may be counted only once for graduation and only the higher grade will be used for computation of the grade point average; however, all grades will appear on the student's transcript. Veterans cannot claim benefits for repeated courses unless the veteran received a grade of "F" and the course is needed for graduation.

## GRADE CHANGES

Grade changes can be made through a grade change request initiated by the instructor, followed by approval of the Academic Dean or Vice President of Academic and Student Affairs. If an instructor is not available, the Academic Dean or Vice President of Academic and Student Affairs may initiate a grade change request. Grade changes due to clerical errors can be made and corrected by the Admissions and Registration Office.

If a student desires to appeal a grade, that student must seek out the instructor so both parties may be afforded an opportunity to clarify facts and to reach a mutually acceptable solution. If student satisfaction is not achieved after meeting with the instructor, the appeal will continue with Step II under the Official Review Process.

## GRIEVANCE PROCEDURE- ACADEMIC STANDARDS

Students aggrieved by College actions of an academic nature shall have the opportunity for appeal.

The professional educator's qualifications and rights to determine academic standards are respected and accepted. The professional educator shall be accountable for establishing and maintaining appropriate academic standards for coursework.

When a complaint about academic standards arises, with the exception of sexual harassment, the student shall subscribe to the following procedure to render the complaint legitimate. Complaints of sexual harassment should follow the procedure set forth in GCCCD Policy 2075.01 - Procedures for Alleged Violations of the Title IX Sexual Harassment Regulations. The student's right for grievance shall be forfeited if the complaint is not addressed through the Official Review Process - Academic Standards. The Official Review Process - Academic Standards may not be applicable when services are delivered under the provisions of a negotiated contract. The appeal process does not suspend any actions which are being grieved.

## DEFINITION OF TERMS

**Days:** Calendar days exclusive of official holidays as identified in the College Catalog.

**Complainant:** Student complainant.

**Professional Educator:** College professional educator(s) responsible for the program or action for which the student complainant has a grievance.

**Vice President of Academic and Student Affairs:** Campus official designated by the College President for oversight of academic affairs.

**Admissions and Academic Standards Appeals Committee:** College committee charged with responsibility to advise the College President on policies, standards, rules and regulations for academic standards and student admission; and to serve as an appeals committee for grievances concerning academic standards.

**Academic Standard:** All actions relating to grades, grading standards, professional educator conduct, materials presented in a classroom by the professional educator or adjunct, and professional educator discrimination against a student exclusive of discrimination as defined by federal or state laws.

## OFFICIAL REVIEW PROCESS- ACADEMIC STANDARDS

**Step 1.** The Complainant shall seek out, within five (5) days of the action, the Professional Educator so both parties may be afforded an opportunity to clarify facts and to reach a mutually acceptable solution.

**Step 2.** If Complainant satisfaction is not achieved in Step 1, the Complainant shall provide a written request for a meeting to the Academic Dean responsible for oversight of the standards employed by the Professional Educator. Within five (5) days of receipt of the request the Academic Dean shall arrange for a meeting to include the following individuals: the Academic Dean, the Professional Educator, and the Complainant. The Academic Dean shall attempt to mediate an acceptable solution.

**Step 3.** If Complainant satisfaction is not achieved in Step II, the Complainant shall provide a written request for a hearing by the Admissions and Academic Standards Appeals Committee. The request shall articulate the complaint and shall be delivered to the Vice President of Academic and Student Affairs within five (5) days after receiving a recommended solution as provided in Step II then forwarded to Chair of the Admissions and Academic Standards Committee for review. Within ten (10) days of receipt of the request, but not less than three (3) days of receipt of request, the Chairperson of the Admissions and Academic Standards Appeals Committee shall arrange for a hearing. The Complainant, the Professional Educator and the Academic Dean shall attend the hearing. Within ten (10) days of the conclusion of the hearing, the Chairperson of the Admissions and Academic Standards Appeals Committee shall set forth a written document addressing finding of fact and the decision reached by the Committee. Copies shall be addressed to the Complainant, the Professional Educator, the Academic Dean, and the College President. Decisions made by the Admissions and Academic Standards Appeal Committee are binding.

## HONORS

**President's List:** The President's List will, upon completion of each semester, include those full-time students who:

- Are enrolled in a curriculum listed in a College Academic Catalog leading to a degree offered by Eastern Arizona College,
- Complete during the semester a minimum of 12 credits at the 100 level or higher for which a grade other than an "I" (Incomplete) or "P" (Pass) grade was earned, and
- Received a 4.000 semester grade point average.

**Dean's List:** The Dean's List will, upon completion of each semester, include those full-time students who:

- Are enrolled in a curriculum listed in a College Academic Catalog leading to a degree offered by Eastern Arizona College,
- Complete during the semester a minimum of 12 credits at the 100 level or higher for which a grade other than an "I" (Incomplete) or "P" (Pass) grade was earned, and
- Received a 3.500 through 3.999 semester grade point average.

## OFFICIAL NOTIFICATIONS

At initial enrollment all students receive an Eastern Arizona College MonsterMail account. This email account is free of charge and is the official notification channel for all EAC correspondence to the students. Correspondence sent to this address will be deemed official and adequate notification to you regarding the contents of such correspondence.

## REGISTRATION

The act of enrolling in courses at the College indicates you agree to be subject to all the requirements, policies, and regulations in the College Catalog and Student Handbook, and agree to establish a permanent college academic record. You further acknowledge that in order to be admitted to other colleges or universities you may be required to send this academic record to those institutions. Your enrollment also certifies your understanding that the content of EAC courses are designed for adult students and if you are a younger student you may feel constrained from participating in class discussions due to the maturity and age of other students in addition to the subject matter being discussed. Contact the Admissions and Registration Office at (928) 428-8270 or 1-800-678-3808, Ext. 8270 for details.

## COURSE OVERLOAD

The typical academic load varies from 15 to 18 credit (semester) hours. Students carrying a minimum of 12 credit hours are considered full-time students for financial aid, residency, and scholarship purposes.

You are allowed to register for an "overload"—defined as more than 18 credit hours contingent upon the following criteria. For purposes of overload consideration, Activity/Personal Enrichment courses are not included in the number of credits to be examined.

- You may enroll for an overload of up to 22 credit hours if you have completed a minimum of 12 credits at Eastern Arizona College with a cumulative GPA of 2.75 or higher.
- If you have not completed, but are currently enrolled in, a minimum of 12 credits at Eastern Arizona College, you must petition to enroll for an overload of up to 22 credits for the subsequent semester contingent upon completion of your courses currently in progress of 2.75 or better. At the end of the semester, if the cumulative GPA for the courses in progress is less than 2.75, you will be administratively withdrawn from the course(s) requested in your petition. You may also be subject to other points of enforcement surrounding academic standards.
- If you have completed at least 12 credits at Eastern Arizona College with a cumulative GPA of 2.25 through 2.7499, you must petition the Admissions and Academic Standards Committee for approval to register for an overload.
- If your cumulative GPA is less than 2.25, you will not be considered for an overload unless evidence is provided showing that impending graduation requirements cannot otherwise be met.
- If you are a first-time student or first-semester transfer student to Eastern Arizona College, you must petition the Admissions and Academic Standards Committee for an overload of up to 22 credits. An official transcript from either the high school or transfer institution must be on file in the Admissions and Registration Office.

If you want to enroll in more than 22 credits for a regular semester, you must petition the Admissions and Academic Standards Committee for additional overload consideration.

## TRANSCRIPTS

An official transcript is a copy of a student's permanent academic record issued by the college Registrar. It displays all courses taken, grades received, degrees or certificates awarded at EAC.

EAC has partnered with the National Student Clearinghouse to provide a convenient web-based method for students and alumni to request official transcripts. A fee of \$10 will be charged for each official transcript ordered. You can order your official transcript by clicking the link in your Gila Hank account or by directly accessing the National Student Clearinghouse ordering website at [www.getmytranscript.com](http://www.getmytranscript.com). Transcripts may be sent electronically or mailed. EAC does not fax official transcripts.

If you desire to transfer to another institution of higher education, you should request the Admissions and Registration Office send your official transcript directly to the institution you expect to enter. Also, you may request that the Admissions and Registration Office send a transcript directly to a prospective employer.

Students may access their unofficial transcript through their my EAC student portal at any time for no charge. Students may also visit the Admission and Registration Office and present a government issued photo ID to have an unofficial copy printed.

Eastern Arizona College reserves the right to withhold transcripts from students who are in debt to the College. A student whose transcript is being withheld has the right to discuss the matter with EAC personnel who are empowered to resolve any dispute concerning indebtedness to the College.

## WITHDRAWAL FROM A COURSE

Students are responsible for initiating and completing official withdrawals from classes from which they wish to withdraw, either through their myEAC student portal in Anthology or at the Admission and Registration Office. Withdrawal before the end of the registration period will result in the course not showing on the student's transcript. This is known as "Withdrawal Without Record (WOR)." Withdrawal from a course after the close of registration will result in a grade of "W" - "Withdrew." There is a different deadline for each type of course (semester-length, short-term, and summer) that is taught at EAC.

Students with an LDA (last day of attendance) past 60% of the term who do not officially withdraw may receive an F. Instructors are authorized to withdraw students from courses for excessive unofficial absences, missing class for two consecutive weeks, excessive tardiness, disruptive behavior, or inability to perform the required tasks.

A student's failure to drop a class after registration, regardless of nonattendance or nonpayment, does not release them from the financial obligation incurred at the time of registration. To ensure a student's registration is cancelled, they must withdraw from the course. To completely remove a student's financial obligation for refundable fees, they must withdraw from the course during the open registration period for that course. If there are any nonrefundable fees, the student will still be obligated to pay these fees.

Withdrawing from a courses may affect a student's their financial aid eligibility, veteran's benefits, and/or athletic eligibility. Students should consult the Financial Aid and Veteran services and/or the Admission and Registration Office before withdrawing from a course. Likewise, faculty are required to attempt to consult with a student who is not attending before withdrawing them. If a student has received financial aid and withdraws from courses, they should refer to the Return of Title IV Federal Student Aid Policy in the disclosure section of the College Catalog as to how this might affect them.

**Semester-Length Courses:** Students may withdraw themselves through the last day of class, not including finals week to receive a "W" grade.

**Short-Term and Summer Session Courses:** The last day for a student or instructor to initiate an official withdrawal from a short-term or summer session course is the last day of the course.

Faculty can withdraw students up to and including the 45th day of the semester. After the 45th day and until the Friday before Finals Week, instructors may request that a student be withdrawn from a course. Justification for the request must be submitted to and approved by the dean over the respective division and the Vice President of Academic and Student Affairs.

## GRADUATION

### LICENSURE

Eastern Arizona College offers various certificates and programs that enable the student to test for licensure. Eastern Arizona College makes no guarantee, either implied or stated, that you will pass any licensing test. Also, please be aware that any past criminal record may have an impact on your eligibility for licensure. You should investigate licensing requirements before entering a course of study.

### CERTIFICATES

Eastern Arizona College offers a variety of certificates that provide skills based and entry-level position training, and preparation for licensing tests.

Please refer to the certificate major you intend to pursue offered by Eastern Arizona College identified in the curriculum section of this catalog for course and graduation requirements.

Students are encouraged to visit with an academic advisor to review certificate requirements before submitting a petition for graduation. Petitions must be submitted through the student portal, MyEAC.

### DEGREES

Eastern Arizona College grants the Associate of Arts (AA), Associate of Business (ABus), Associate of Science (AS), Associate of General Studies (AGS), and the Associate of Applied Science (AAS) degrees.

Specific course requirements for each of the degrees offered by Eastern Arizona College are identified in the curriculum section of this catalog. Please refer to the major you intend to pursue at EAC for specific graduation requirements.

Students are encouraged to visit with an academic advisor to review degree curriculum requirements before submitting a petition for graduation. Petitions must be submitted through the student portal, MyEAC.

### APPROVED ELECTIVES

EAC degree programs that are designed to transfer to all of Arizona's public universities require you to select your electives from the courses listed in the Arizona Higher Education Course Equivalency Guide (CEG) (located at [https://aztransmac2.asu.edu/cgi-bin/WebObjects/Admin\\_CEG\\_woa/wa/EBetter](https://aztransmac2.asu.edu/cgi-bin/WebObjects/Admin_CEG_woa/wa/EBetter)). Select Eastern Arizona College Elective or Better Report.

The Elective or Better Report indicates which courses transfer to Arizona State University, Northern Arizona University and the University of Arizona with an equivalency of Elective or better.

The Elective or Better Report refers only to courses taken during the current academic year. For information about the transferability of courses taken in past semesters, see your advisor.

### CHOICE OF CATALOG

In order to meet current educational standards, EAC academic catalogs expire after five years. Students maintaining continuous enrollment at any public Arizona community college or university may graduate according to the requirements of the catalog in effect at the time of initial enrollment or according to the requirements of any single catalog in effect during subsequent terms of continuous enrollment. Continuous enrollment is limited to five academic years; afterward, students can choose any single catalog in effect during subsequent terms of enrollment.

1. A semester in which a student earns course credit will be counted toward continuous enrollment. Non-credit courses, audited courses, failed courses, or courses from which the student withdraws do not count toward the determination of continuous enrollment for catalog purposes.  
**Example A:** Admitted and earned course credit at a public college or university: Fall 2019 (Active). Continued at a community college: Spring 2020, Fall 2020 (Active). Transferred to a university: Spring 2021 (2019 or any subsequent catalog).  
**Example B:** Admitted and earned course credit at a public college or university: Fall 2019 (Active). Enrolled but earned all W's or F's: Spring 2020 (Inactive). Enrolled in audit courses only: Fall 2020 (Inactive). Nonattendance: Spring 2021 (Inactive). Transferred to a university: Fall 2021 (2021 or any subsequent catalog).
2. Students who do not meet the minimum enrollment standard stipulated in No. 1 during three consecutive semesters (fall/spring) and the intervening summer term at any public Arizona community college or university are no longer considered continuously enrolled, and must meet requirements of the public Arizona community college or university catalog in effect at the time they are readmitted or of any single catalog in effect during subsequent terms of continuous enrollment after readmission. Students are not obligated to enroll and earn course credit during summer term, but summer enrollment may be used to maintain continuous enrollment status.  
**Example A:** Admitted and earned course credit at a public college or university: Fall 2018 (Active). Nonattendance: Spring 2019, Fall 2019, Spring 2020 (Inactive). Readmitted and earned course credit at a community college: Fall 2020 (Active). Transferred to a university: Spring 2021 (2020 or any subsequent catalog).  
**Example B:** Admitted and earned course credit at a public college or university: Fall 2019 (Active). Nonattendance: Spring 2020 (Inactive). Readmitted, earned course credit at a community college: Summer 2020 (Active). Nonattendance: Fall 2020, Spring 2021 (Inactive). Transferred to a university: Fall 2021 (2019 or any subsequent catalog).
3. Students admitted or readmitted to a public Arizona community college or university during a summer term must follow the requirements of the catalog in effect the following fall semester or of any single catalog in effect during subsequent terms of continuous enrollment.  
**Example:** Admitted and earned course credit at a community college: Summer 2019 (Active). Continued at a community college: Fall 2019, Spring 2020 (Active). Nonattendance: Fall 2020 (Inactive). Readmitted and earned course credit at a community college: Spring 2021 (Active). Transferred to a university: Summer 2021 (2019 or any subsequent catalog).
4. Students transferring among Arizona public higher education institutions must meet the admission requirements, residency requirements, and all curricular and academic requirements of the degree-granting institution.

### GRADUATION HONORS

**Highest Honors:** Granted to candidates for graduation who have, at the conclusion of their last completed semester, at least 30 credits at EAC with a 4.000 cumulative grade average.

**High Honors:** Granted to candidates for graduation who have, at the conclusion of their last completed semester, at least 30 credits at EAC with a minimum of 3.750 cumulative grade average.

**Honors:** Granted to candidates for graduation who have, at the conclusion of their last completed semester, at least 30 credits at EAC with a minimum of 3.500 cumulative grade average.

## COMMENCEMENT

To participate in commencement, your petition for a degree or certificate must be submitted by March 1st of the year you plan to participate. Students must be within seven credits of a degree and have completed or are completing their certificate by May in order to participate. Students should work closely with the Admissions and Registration office to ensure you have met all requirements necessary to participate.

## DEVELOPMENTAL COURSES

Credit earned for developmental classes which are numbered below 100 will not be counted towards degree completion, graduation honors or graduation grade point average. Developmental courses numbered 100 or above will not be used to complete a General Studies degree.

## MULTIPLE DEGREES

Eastern Arizona College offers the Associate of Arts (AA), Associate of Business (ABus), Associate of Science (AS), Associate of General Studies (AGS) and Associate of Applied Science (AAS) degrees. Once you have received one Associate degree, one or more additional degrees can also be received by completing the additional degree requirements with a minimum of 16 additional curriculum credits beyond the first degree. Degrees may be earned concurrently, however, an Associate of General Studies (AGS) (pgs 106-107) degree will not be awarded in conjunction with any other transfer degree and a General Technical Studies (AAS) (pgs 107-108) degree will not be awarded in conjunction with any AAS degree.

## GRADUATION REQUIREMENTS

1. Students must be in good academic standing with an overall minimum 2.0 GPA and have earned a "C" grade or better in each course to receive a certificate or degree, unless a higher grade is required for the program (e.g. nursing).
2. All Bachelors Degrees, Associate Degrees, and certificates require that 25% of the credits be completed at Eastern Arizona College.
3. You must remove all indebtedness to Eastern Arizona College in order to receive your diploma, certificate, or official transcripts.

## TRANSFER PARTNERSHIPS

### TRANSFER DEGREES FOR ASU, NAU, AND U OF A

Eastern Arizona College offers four Associate transfer degrees that are appropriate for transfer to Arizona's public universities. These degrees contain the basic block of courses included in the Arizona General Education Curriculum (AGEC) as well as additional electives, giving you the appropriate number of credits needed to earn an associate degree. Successful completion of those listed below with a 2.5 GPA or better means all included AGECE courses will transfer as a block to ASU, NAU and UA and guarantees your admission.

The four transfer degrees EAC students can earn are:

- Associate of Arts (AA)
- Associate of Business (ABus)
- Associate of General Studies (AGS)
- Associate of Science (AS)

If a student selects a major not listed in the EAC catalog, they should:

- Consult the catalog or curriculum transfer guide of the university to which they plan to transfer (available at [AZTransfer](#))
- Seek assistance from advisors at the transfer university for personalized guidance.

### Meeting General Education Requirements:

- Students must choose appropriate courses from the required program areas to meet the General Education requirements. See list under the General Education Transfer Degrees tab at the top)
- Some degree programs may require specific courses rather than allowing a choice from the approved GE courses. For more information on the ACEG curriculum, please refer to AZ Transfer General Education Curriculum at [aztransfer.com](#)

## ARIZONA STATE UNIVERSITY

Eastern Arizona College and Arizona State University are proud to partner up to give you two unique paths to a bachelor's degree.

### ASU@The GilaValley

Earn a bachelor's degree from Arizona State University without leaving Thatcher, Safford and the surrounding areas. ASU and Eastern Arizona College have established a partnership that allows you to complete your associate degree at EAC and then pursue your ASU bachelor's degree through classes delivered on the EAC Thatcher campus. You can also take advantage of additional cost savings with a reduced ASU tuition rate. ASU Programs Available at EAC:

- Bachelor of Arts in Organizational Leadership
- Bachelor of Arts in Organizational Leadership (Project Management) [Gerald.L.West@asu.edu](mailto:Gerald.L.West@asu.edu)
- Bachelor of Applied Science in Applied Leadership
- Bachelor of Science in Nursing [eac.cep@asu.edu](mailto:eac.cep@asu.edu)
- Bachelor of Arts in Business Administration [wpcareyug@asu.edu](mailto:wpcareyug@asu.edu)

For more information, please visit: [admission.asu.edu/transfer/the-gilavalley](http://admission.asu.edu/transfer/the-gilavalley)

### Complete your teaching degree remotely with ASU Sync

For some undergraduate degree programs leading to teacher certification, Mary Lou Fulton Teachers College offers Arizona students the option to take classes in real time and remotely via ASU Sync. Regularly scheduled evening classes take place via Zoom and foster active collaboration and discussion with top-tier faculty members and peers throughout Arizona.

### Available degrees:

- Early Childhood Education, BAE
- Elementary Education, BAE
- Secondary Education, Certificate
- Secondary Education, BAE
- Special Education, BAE

### Eastern Arizona College MyPath2ASU™ Experience:

A suite of self-service transfer tools that help EAC students:

- Save time and money by planning your time to degree completion
- Customize course-by-course pathways by term to minimize loss of transfer credit
- Track course applicability and degree progress in real-time through additional Transfer Guide tools like My Transfer Guide
- Personalized communication per major of choice to help students academically prepare for their ASU major
- Access to ASU's transfer coordinators and pre-enrollment services, and invitations to special events at ASU
- Earn Guaranteed Admission into the major of your choice if all requirements are satisfied

#### MyPath2ASU Transfer Process

1. **Create a MyPath2ASU™:** Choose from over 400 online and on-campus course-by-course guided pathways. Creating a MyPath2ASU™ helps with course applicability and provides learner navigation by assisting with what classes to take at EAC for an ASU bachelor's degree.
2. **MyPath2ASU™ sign up:** Receive all the pathway benefits to stay on track to earn an ASU bachelor's degree. Gain 24/7 direct access to self-service, degree progress tracking through My Transfer Guide to minimize loss of credit.
3. **Track your degree progress:** You're well on your way to ASU. Once you've activated your My Transfer Guide account, you can easily track your degree progress and make updates to your MyPath2ASU™. Receive personalized ASU communications to prepare academically and build a connection to ASU. Remember to save your username and password.
4. **Complete your MyPath2ASU™:** Prepare to transfer to ASU. Meet with ASU transfer specialists for pre-enrollment services and attend special ASU events. You're one step closer to achieving your academic goals. Apply to ASU one year before completing your MyPath2ASU™. Thrive as an ASU Sun Devil and earn your ASU bachelor's degree.

## 2NAU-AT EAC-A JOINT ADMISSION PROGRAM

Northern Arizona University and Eastern Arizona College are working together to provide you with an affordable and convenient pathway towards earning your bachelor's degree.

2NAU is a joint-admission program. You are first admitted to NAU as a non-degree seeking student while you attend classes at EAC until you are ready to claim your degree program and take classes towards your bachelor's degree at NAU.

Features of the 2NAU joint-admission program include:

- Access to on-site Transition Coordinators who connect you with NAU resources.
- Information about how your associate degree at EAC can lead to an NAU degree locally, online or in Flagstaff.
- Acceptance of transfer credits completed at EAC, significantly reducing the cost of your bachelor's degree.

#### Requirements

- Must be admitted to Eastern Arizona College.
- Completed one or two semesters at Eastern Arizona College.

#### Program Benefits

As a 2NAU student at EAC, you will have access to many resources at NAU including:

- Your NAU admissions application fee is waived.
- An NAU email address.
- An NAU ID card.
- A monthly subscription to the 2NAU newsletter The Turning Point.
- Access to student discounts and athletic events in Flagstaff.
- Merit based scholarship for students who qualify.

For additional information about the 2NAU joint-admission program, visit: [nau.edu/admission/2nau-admission/](http://nau.edu/admission/2nau-admission/)

## UA Transfer Student Admissions

The University of Arizona's partnership with Eastern Arizona College provides a unique opportunity for students currently enrolled at EAC to earn their bachelor's degree from the UA.

#### Program Benefits

- Guaranteed admission into most UA undergraduate degree programs.
- \$2,000 renewable scholarships for eligible students.
- Dedicated pre-transfer admission counseling.
- Access to UA peer mentors.
- And more!

#### Requirements

- Be enrolled in EAC.
- Be at least one year away from transferring to UA when you apply.
- Maintain a 2.0 GPA while in the program.
- Complete 6 or more credits per semester once in the UA Bridge program.

For more information, visit: <https://www.arizona.edu/admissions/transfer>

## OUT-OF-STATE UNIVERSITIES

In addition to the partnerships Eastern Arizona College has created with our in-state universities, many of our students transfer to the following out-of-state universities:

#### Brigham Young University - Provo

If you earn an Eastern Arizona College Associate of Arts, Associate of Business, Associate of General Studies, or Associate of Science degree, you may increase the probability of your admission to BYU and will have completed nearly all BYU university Core (GE) requirements.

#### Brigham Young University - Hawaii

Students who complete their Eastern Arizona College Associate of Arts, Associate of General Studies, Associate of Science, or Associate of Business degree will have met the BYU-Hawaii general education (GE) requirements except for the Interdisciplinary Studies course. EAC students are encouraged to complete their associate degree, with course grades of "C" or better, before transferring to BYU-Hawaii to ensure the smoothest transfer process.

#### Brigham Young University - Idaho

Students who have earned an Eastern Arizona College Associate of Arts, Associate of Science, Associate of Business, or Associate of General Studies degree will be considered as having completed the BYU-I general education requirements.

#### Grand Canyon University

Students who complete an Eastern Arizona College Associate of Arts or Associate of Science degree may fulfill GCU's General Education requirements. Students with an Associate of Applied Science degree must fulfill the General Education requirements and have a course-by-course evaluation completed.

#### Western New Mexico University

Students completing the Eastern Arizona College Associate of Arts Degree, Associate of Business Degree, Associate of Science Degree, or Associate of General Studies Degree can fulfill Western New Mexico University's General Education requirements provided they include in their degree program specific courses, listed in the articulation agreement, meeting WNMU general education requirements. In addition, Arizona residents may be eligible for an out-of-state tuition fee waiver from Western New Mexico University

#### Western Governors University

Are you beginning to look at the next steps in your academic journey? Western Governors University (WGU) wants to help you transition smoothly from your associate degree to your bachelor's degree. At WGU, you can earn a respected, accredited bachelor's degree - online, on your schedule, and for less than you'd expect. Choose a degree program in business, information technology, K-12 education, or healthcare (including nursing.)

WGU is the only non-profit, online, competency-based education (CBE) university in the country. Students transferring from a U.S. community college into one of WGU's colleges can expect a comprehensive transfer policy.

WGU offers a generous transfer credit policy! Students with an Associate of Arts (A.A.) or Associate of Science (A.S.) degree usually qualify for an Upper-Division standing at WGU. Depending on your degree program, you may qualify for additional requirement waivers. If you have completed some college coursework but have not earned a degree, WGU will conduct a transcript evaluation. Your experience may waive some of your requirements.

WGU also offers a several scholarships including a Community College Partners Scholarship (\$2,500) and Phi Theta Kappa Scholarship (\$2,500). For all scholarship opportunities visit us at [wgu.edu/financialaid-tuition/scholarships.html](http://wgu.edu/financialaid-tuition/scholarships.html).

Free application code: WGUAZJC

#### Out-of-State Transfer

Out-of-state universities have differing policies regarding the transfer of general education credit for application to your major or minor requirements. You should carefully consult the catalog of the university to which you wish to transfer.

## DISCLOSURES

### COLLEGE FINANCIAL CONDITION

Students desiring information concerning Eastern Arizona College's financial condition may obtain this information from the Business Administration Office. Additionally, annually audited financial statements can be found at <https://eac.edu/about/finances/financial-reports/>.

### GRADUATION RATES

Students desiring information concerning Eastern Arizona College's graduation rates and transfer-out rates under the Student Right to Know Act, Public Law 101-542, may obtain this information from the Institutional Research Office.

### EEO/AFFIRMATIVE ACTION

Graham County Community College District does not discriminate in admission or access to, or treatment or employment in, its programs and activities on the basis of race, creed, color or national origin, sex, disability or age. You may contact the District EEO Coordinator, Lydia Newkirk at (928) 428-8915, fax (928) 428-2580, or at the Student Services Building, Office 208. The ADA Coordinator, Candace Lines can be reached at (928) 428-8335, both can be reached by mail – Eastern Arizona College, 615 North Stadium Avenue, Thatcher, Arizona 85552-0769.

### EQUITY IN ATHLETICS

Students desiring information concerning Eastern Arizona College's intercollegiate athletic programs under the Equity in Athletics Disclosure Act of 1994, Section 360B of Publication L. 103-382, may obtain this information from the Institutional Research Office.

### FACILITIES

Eastern Arizona College takes pride in having clean, safe, and up-to-date classrooms, laboratories, and performance areas. Specific inquiries about facilities should be addressed to the Enrollment Management Office.

### FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

The Family Educational Rights and Privacy Act (FERPA) affords you certain rights with respect to your education records. They are:

1. The right to inspect and review your education records within 45 days of the day the College receives a request for access. Submit to the registrar, dean, or other appropriate official, a written request that identifies the record(s) you wish to inspect. The College official will make arrangements for access and notify you of the time and place where the records may be inspected. If the records are not maintained by the College official to whom the request was submitted, that official shall advise you of the correct official to whom your request should be addressed.
2. The right to request the amendment of your education records that you believe are inaccurate or misleading. You may ask the College to amend a record by writing the College official responsible for the record, clearly identifying the part of the record you want changed, and specify why it is inaccurate or misleading. If the College decides not to amend the record as you request, the College will notify you of the decision and advise you of your right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to you when you are notified of the right to a hearing.
3. The right to consent to disclosures of personally identifiable information contained in your education records, except to the extent that FERPA authorizes disclosure without consent. One exception, which permits disclosure without consent, is disclosure to school officials with legitimate educational interests. A school official is a person employed by the College in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel); a person or company with whom the College has contracted such as an attorney, auditor, or collection agent; a person serving on the Governing Board; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.
4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office  
U.S. Department of Education  
400 Maryland Avenue, SW  
Washington, DC, 20202-4605

The College hereby designates the following categories of student information as public or "Directory Information." Such information may be disclosed by the institution for any purpose, at its discretion.

- Category I: Name, dates of attendance, class, and picture.
- Category II: Previous institutions attended, major fields of study, awards, honors (includes Dean's List), degrees conferred (including dates).
- Category III: Past and present participation in officially recognized sports and activities, physical factors (height, weight of athletes).

You may withhold disclosure of any category of information under the Family Educational Rights and Privacy Act of 1974, as amended. To withhold disclosure, select the Non-disclosure option for FERPA release in your Gila Hank account. You may do this at any time. The College assumes that the failure of any student to specifically request the withholding of categories of "Directory Information" indicates individual approval for disclosure.

Parents or guardians may have access to the education records of a dependent student defined in the Internal Revenue Code of 1954, Section 152, as evidenced by a notarized affidavit stating that the student is a dependent for income tax purposes, or other documentation as may be separately approved by the registrar, on a case-by-case basis.

A Directory of Records which lists all education records maintained on students by the College is available at the Admissions and Registration Office. Questions concerning the Family Educational Rights and Privacy Act may be referred to that office.

### NOTIFICATION OF OCCUPATIONAL OPPORTUNITIES

Graham County Community College District informs students, parents, employees and the general public that we provide an equal opportunity occupational education program. All courses, services and activities are offered without regard to race, creed, color or national origin, sex, disability, or age. Limited English speaking skills will not be a barrier to admission or participation in occupational educational programs. Admissions to Graham County Community College District must meet the criteria as published in the College Catalog. THE

### HIGHER EDUCATION ACT

The Higher Education Opportunity Act (Public Law 110-315) (HEOA) was enacted on August 14, 2008, and reauthorizes the Higher Education Act of 1965, as amended (HEA), requires institutions participating in the Title IV financial aid programs to disclose specified information to all current and prospective students and employees. Consumer Information can be found on our website at <https://www.eac.edu/about/consumer-information/index.php>. If you need assistance or paper copies, please contact Sharon Montoya, Director of Financial Aid and Veterans Services at [sharon.montoya@eac.edu](mailto:sharon.montoya@eac.edu) or by writing to us at: Department of Financial Aid and Veterans Services Eastern Arizona College 615 N. Stadium Avenue Thatcher, AZ 85552 Please indicate the subject of the Consumer Information Request. Financial Aid and Veterans Services staff will contact the appropriate campus department/office to gather the requested information and will respond in a timely manner.

### TITLE 38 UNITED STATES CODE SECTION 3679(E)

Eastern Arizona College will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, or any covered individual because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from the VA under Chapter 31 or 33.

## DIRECTORIES

### DEPARTMENTS AND PROGRAMS

Thatcher Campus Departments (Area Code 928)

Department	Phone	Location
Directory Assistance	428-8472	Student Services Building - Lobby
Academic Advising	428-8253	Student Services Building - Room 137
Academic Areas		
Allied Health	428-8207	Science and Allied Health Building - Room 205
Business	428-8314	Wayne M. McGrath Center for Business and Information Technology
Communicative Arts	428-8461	Academic Programs Building - Room 264
Computers	428-8314	Wayne M. McGrath Center for Business and Information Technology
Emergency Medical Technology	428-8398	North Campus Classrooms - Room 8
Fine Arts - Art	428-8469	South Campus Classrooms - Room 16
Fine Arts Director	428-8200	Fine Arts Auditorium - Room 115
Fine Arts - Music	428-8200	Fine Arts Auditorium - Room 115
Fine Arts - Theatre Arts	428-8460	Fine Arts Auditorium - Room 106
Industrial Technology	428-8431	William J. Bone Industrial Technology Education Center - Room 122
Math	428-8207	Academic Programs Building - Rooms 237-242
Nursing	428-8396	Nursing Education Center - Room 107
Physical Education	428-8414	Guitteau Gymnasium - Room 115
Science	428-8207	Science and Allied Health Building - Room 205
Social Sciences	428-8461	Academic Programs Building - Room 264
Admissions and Registration	428-8270	Student Services Building - Room 163
Alumni Association	428-8295	Gherald L. Hoopes Jr. Activities Center, Alumni - Visitor Center
Athletics		
Athletic Director	428-8414	Guitteau Gymnasium - Room 9
Athletic Office	428-8414	Guitteau Gymnasium - Room 15
Athletic Trainer Room	428-8413	Guitteau Gymnasium - Room 16
Baseball	428-8417	South Campus Classrooms - Room 22C
Basketball, Men's	428-8418	Guitteau Gymnasium - Room 10
Basketball, Women's	428-8405	Guitteau Gymnasium - Room 19
Cheer	428-8414	Guitteau Gymnasium - Room 15
ESports	428-8414	Gherald L. Hoopes Activities Center
Golf	428-8407	South Campus Classrooms - Room 23A
Softball	428-8258	Guitteau Gymnasium - Room 224
Volleyball	428-8410	Guitteau Gymnasium - Room 17
Business Administration	428-8221	Student Services Building - Room 120
Campus Police	428-8240	Campus Police Building
Campus Store	428-8381	Gherald L. Hoopes Jr. Activities Center
Career Planning	428-8341	Student Services Building - Room 143
Cashier	428-8221	Student Services Building - Room 120
Class Registration	428-8270	Student Services Building - Room 163
Information Technology Services	428-8371	Wayne M. McGrath Center for Business and Information Technology
District Offices	428-8201	Student Services Building - Room 237
Employment, part-time, on campus		see Work Study Employment
Enrollment Management	428-8332	Student Services Building - Room 131
Evaluation/Testing Center	428-8491	Academic Programs Building - Room 126
Facilities Reservations	428-8201	Student Services Building - Room 237
Financial Aid and Veterans Services	428-8287	Student Services Building - Room 103
First Aid/Emergencies	911	
Food Service-Catering	428-8329	Gherald L. Hoopes Jr. Activities Center
Foundation	428-8295	Gherald L. Hoopes Jr. Activities Center, Alumni - Visitor Center
Gila Hank Cafe	428-8325	Gherald L. Hoopes Jr. Activities Center
Gila Hank's Monster Pit Stop	428-8382	Academic Programs Building - Room 131
Greenlee County	428-8279	Student Services Building - Room 250

Human Resources	428-8915	Student Services Building - Room 208
Housing, on-campus	428-8605	Mark Allen Dorm West
Job Placement	428-8341	Student Services Building - Room 143
Library	428-8304	Alumni Library
Maintenance	428-8300	Maintenance
Major Field of Study	428-8270	Student Services Building - Room 163
Marketing and Public Relations	428-8321	Marketing and Public Relations Building
Meal Tickets-Payments	428-8221	Student Services Building - Room 120
Official Transcripts	428-8625	Student Services Building - Room 163
Orientation	428-8332	Student Services Building - Room 131
Payments	428-8221	Student Services Building - Room 120
Residence Halls		
Mark Allen	428-8235	Mark Allen Hall
Nellie Lee	428-8415	Nellie Lee Hall
Residence Towers	428-8606	Residence Towers
Wesley Taylor	428-8239	Wesley Taylor Hall
Scholarships	428-8332	Student Services Building - Room 131
Small Business Development Center	428-8590	Small Business Development Center Building
Student Life	428-8354	Student Services Building - Room 217
Intramurals	428-8384	Gerald L Hoopes Activities Center - Room 103
Monday Monster	428-8384	Gerald L Hoopes Activities Center - Room 103
Monster Exchange /Food Pantry	428-8387	Monster Exchange
Monster Pit/Game Room	428-8439	Gerald L Hoopes Activities Center - Room 104
Student Activities	428-8384	Gerald L Hoopes Activities Center - Room 103
Student Government/ASEAC	428-8328	Gerald L Hoopes Activities Center - Room 103
Club & Organizations	428-8384	Gerald L Hoopes Activities Center - Room 103
Swimming Pool	428-8419	Swimming Pool
Tickets/Reservations	428-8228	Marketing & Public Relations Building
Tutoring	428-8446	Student Learning Center (Inside Alumni Library)
Veterans Services	428-8287	Student Services Building - Room 103
Wellness Center	428-8416	Guitteau Gymnasium Room - 232
Work Study Employment	428-8287	Student Services Building - Room 103
Yearbook	428-8462	Academic Programs Building - Room 250

## GREENLEE COUNTY PROGRAMS

### EAC Greenlee Extension Office

Keith Alexander  
928-428-8279  
[keithalexander@eac.edu](mailto:keithalexander@eac.edu)

Administrative Assistant  
Sasha Wiltbank  
928-428-8278  
[sashawiltbank@eac.edu](mailto:sashawiltbank@eac.edu)

## PRISON PROGRAMS

### Arizona State Prison-Safford Complex EAC Program

896 S. Cook Rd.  
Safford, AZ 85546  
EAC Office: (928) 428-4698, Ext. 2510

### Federal Correctional Institution-Safford EAC Program

P.O. Box 820  
Safford, AZ 85546  
EAC Office: (928) 428-6600, Ext. 1348

## THATCHER ADMINISTRATION AND FACULTY

### Lori Abd El Mottelb

A.G.S., Eastern Arizona College  
Associate Director, Marketing and Public Relations

## Eastern Arizona College

### **Lloyd Adams**

B.S.Ed., Northern Arizona University  
Associate Professor

### **Alexis Aguirre**

A.A., A.G.S., Eastern Arizona College  
B.A., Arizona State University  
Assistant Softball Coach

### **Troy Ainsworth**

B.S., Arizona State University  
M.B.A., Keller Graduate School of management  
Director, Business Administration

### **Keith Alexander**

Special Assistant to the President,  
Community and Government Relations

### **Franklin Alvarez**

A.D., B.M., University of Hartford  
M.M., Tolima Music Conservatory  
Professor

### **Paul Anger**

B.S.Ed., Northern Arizona University  
Director, Discovery Park Campus

### **Brenin Angle**

M.Ed, American College of Education  
M.B.A., University of Dubuque  
Associate Professor

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Recruiter

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A.A., A.A.S., Cochise College  
B.A., University of Arizona  
M.A., Northern Arizona University  
Director of Admissions; Registrar

### **Teresa Bailey**

B.A.S., Arizona State University  
M.B.A., Grand Canyon University  
Associate Director, Institutional Research

### **Dana Barnett**

B.A., M.A., New Mexico State University  
Professor

### **Adam Bingham**

B.S., Grand Canyon University  
M.B.A. Western Governors University  
Program Director, Radiologic Technology

### **ben Brandley**

M.S., Arizona State University  
Ph.D., Arizona State University  
Associate Professor

### **Holt Brasher**

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M.A. The University of Memphis  
Associate Professor

### **Aaron Burk**

B.S., Brigham Young University-Idaho  
M.S., Mississippi State University  
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M.Ed., University of Idaho  
D.M.A., University of North Texas  
Director of Fine Arts

### **Conrado Cabeza**

A.S., American Military University  
Assistant Men's Soccer/Head Golf Coach

### **Jordan Cantrell**

Associate Director of Food Services

### **Don Campbell**

B.A., University of Northern Colorado at Greeley  
Recruitment Manager

### **Tammy Campbell**

A.A., Mt. San Jacinto College  
B.S., California State University San Marcos  
M.B.A., Eastern New Mexico University  
Ph.D., Northcentral University  
Professor

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M.A., M.S.W., Arizona State University  
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## Eastern Arizona College

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TRACC Lead Student Success Advisor

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B.A., Southern Utah University  
M.A., Ph.D., University of Connecticut  
Dean of Arts, Humanities & Social Science

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M.S., NOVA Southeastern University/NSU Florida  
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Women's Head Basketball Coach

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Professor

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Director, Center for Teaching and Learning

### **Kay Ellett**

Executive Assistant

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B.S.B., University of Phoenix  
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### **Michael Fox**

A.A.S., Community College of the Air Force  
B.S., Wayland Baptist University  
M.S., Northern Arizona University  
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A.A.S., Eastern Arizona College  
B.S., Colorado Mesa University

## Eastern Arizona College

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Professor

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Director, Enterprise Application Services, Information Resources

**Doug Griffin**  
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M.Ed., Northern Arizona University  
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**Nate Guy**  
Information Security Analyst

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B.A., Prescott College  
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B.S., UVU M.A., University of Akron  
Ed.D., Northcentral University  
Associate Professor

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Director I, Enrollment Management

**Sara Lemley**  
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M.S.N., University of Phoenix  
Director, Nursing

## Eastern Arizona College

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Computer Applications Analyst I, Information Resources

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Associate Professor Cosmetology

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Ph.D., Arizona State University  
Professor

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### **Jason Lunt**

Director of Maintenance

### **Stacey Lunt**

State Cosmetology Instructor License  
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B.A., Northern Arizona University  
M.A., Brigham Young University  
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M.S., Northcentral University  
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Server Operator II

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Campus Store Manager

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### **David Morris**

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B.S., University of California at Davis  
M.S., San Francisco State University  
Professor

### **Cameron Mower**

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Associate Professor

### **Dorian Nelson**

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B.S.Ed., M.Ed., Northern Arizona University  
Associate Professor

## Eastern Arizona College

### **Shawn Nelson**

Associate Director of Maintenance

### **Lydia Newkirk**

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Director, Human Resources

### **John Nichols**

Director, Food Services

### **Christopher Norton**

MGM, B.S., Arizona State University  
Residence Life Admin

### **Susan Norton**

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### **Ashtyn Ochoa**

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M.A., Western New Mexico University  
Assistant Coach, Volleyball

### **Craig O'Donnal**

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Director, Support Services and Learning Technology, Information Resources

### **Amy Ollerton**

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B.S.N., Northern Arizona University  
M.S.N., Western Governors University  
Professor

### **Eliza Otis**

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D.A.T., Indiana State University  
Athletic Trainer

### **Ray Orr**

A.A., Eastern Arizona College  
B.A., Arizona State University  
M.A., Northern Arizona University  
Associate Professor

### **Greta Pastor Wung**

D.M.A., University of Arizona  
M.M., Kent State University  
B.M., Baldwin Wallace University  
Associate Professor

### **Celinda Palmer**

A.A., Eastern Arizona College B.S.,  
M.Ed., Northern Arizona University  
Professor

### **Kevin Peck**

B.B.A., M.B.A., Western  
New Mexico University  
Dean of Business, Computers, & ITE

### **Laurie Pennington**

A.G.S., Eastern Arizona College  
B.A.S., M.Ed., Northern Arizona University  
Director, Enterprise Risk Management

### **Nan Pennington**

M.Ed., Ph.D., Arizona State University  
Professor

### **Robert Peters**

M.S.E., Missouri Baptist University  
Head Soccer Coach

### **Tammy Powers**

B.S., Southwest Missouri State University  
M.A., University of Missouri - Columbia  
M.S., University of Wisconsin  
Director, Library Services

### **Chalene Preston**

B.A.S., Arizona State University  
M.B.A., Grand Canyon University  
Associate Director of Enrollment Management

### **Karen Preston**

B.S., University of the Ozarks  
M.N.S., Arizona State University  
Associate Professor

### **James Pryor**

B.A., Blackburn College  
M.S., Northern State University  
Academic Advisor

### **Kenneth Raines**

B.A., Brigham Young University  
M.A., Utah State University  
Professor

### **Courtney Raley**

B.S., Western Governors University  
Project Coordinator

### **Cindi Reyes**

A.A., Eastern Arizona College  
B.A., University of Arizona  
Facilitator, Student Learning Center

## Eastern Arizona College

### **Derek Rich**

A.A.S., Herkimer County Community College  
B.P.S., M.S., State University of New York  
Ph.D., Northcentral University  
Associate Professor

### **Joel Robinson**

B.S. Arizona State University  
Director, Small Business Development Center

### **George Rocha**

License/Certificate, RSI Refrig School Inc.  
Associate Professor

### **Gina Roebuck**

B.S., M.A., Western New Mexico University  
Director I, Academic Advising

### **Gabriella Romero**

A.G.S., Eastern Arizona College  
Assistant Coach; Softball

### **Gary Roth**

B.A., M.A., Arizona State University  
Associate Professor

### **Andrew Ruiz**

Manager of Food Services

### **Gerald Schmidt**

A.A.S., Ricks College  
B.S., Brigham Young University - Idaho  
Supervisor/Purchasing Manager, Business Administration

### **Joel Shelton**

B.A., M.S., Brigham Young University  
Associate Professor

### **Michael Shoaf**

D.M.A., University of Utah  
M.A., D.M.A., University of Utah  
B.A., Brigham Young University  
Associate Professor

### **Jeff Skiba**

B.P.A., Northern Arizona University  
M.A., Arizona State University  
M.Ed., Grand Canyon University  
Associate Professor

### **Jennifer Skinner**

M.Ed. Western Governors University  
Academic Advisor I

### **Sherli Skinner**

A.G.S., Eastern Arizona College  
B.A., Arizona State University  
Dual Enrollment Facilitator

### **Candee Skousen**

B.A., Ottawa University  
M.A., Arizona State University  
Director, Residence Life

### **Jessica Slan**

Assistant Director I, Financial Aid and Veterans Services

### **Craig Smith**

M.A., St. Mary's University  
Academic Advisor I

### **Kenny Smith**

A.A., Eastern Arizona College  
B.A., Arizona State University  
M.A.Ed., Northern Arizona University  
Dean, Student Services

### **Nathan Smith**

B.S., Western New Mexico University  
Director; Budgets & Grants

### **Gary Sorensen**

A.A., Eastern Arizona College  
B.M.Ed., Northern Arizona University  
M.M., Ph.D., Brigham Young University  
Dean of Students

### **Jinger Stephenson**

A.A., Northland Pioneer College  
B.S., Northern Arizona University  
TRACC Career Pathways Coordinator

### **Cliff Thompson**

B.S., M.Ed., M.A., Northern Arizona University  
Associate Professor

### **Thomas Thompson**

B.S., Southeast Missouri State University  
Chief Information Officer

### **Todd Turffen**

DR., Palmer College of Chiropractic  
Associate Professor

### **Cameron Turner**

B.S., Southern Oregon University  
Head Men's Basketball Coach

## Eastern Arizona College

### **Derek Tuttle**

A.A.S., Eastern Arizona College  
Project Coordinator, Information Resources

### **Spencer Udall**

B.S., M.Eng., Utah State University  
Associate Professor

### **Heston Welker**

B.S., M.A., Arizona State University  
Vice President of Administration

### **Aaron Westerfield**

B.S., Olivet Nazarene University  
M.Ed., Ed.D., Northern Arizona University  
Director, Accreditation and Effectiveness

### **Jennifer Williams**

A.A., A.G.S., Eastern Arizona College  
B.S.N., Arizona State University  
Associate Professor

### **Justin Wiley**

Manager of Food Services

### **Susan Wood**

B.A., M.A., The University of Utah  
Ph.D., New Mexico State University  
Vice President of Academic and Student Affairs

### **Pamela Woods**

Executive Assistant, Vice President of Academic and Student Affairs

### **Richard Woods**

A.A., Eastern Arizona College  
B.S., Northern Arizona University  
M.P.A., Arkansas State University  
LLT Technician

### **James Weeks**

CDL Coordinator

### **Patti Wren**

A.G.S., Eastern Arizona College  
Student Administrator

### **David Young**

A.A.S., Eastern Arizona College  
Associate Professor; ITE/Lab Manager

## THATCHER STAFF

### **Bradley Allred**

Maintenance Painter

### **Chris Allred**

HVAC/Electrical Foreman

### **Elena Quintana**

Baca Software Technician, Information Resources

### **Laurie Brashear**

Assistant, Library Services

### **Megan Burge**

Lead Cook

### **Timille Carragher**

Administrative Assistant, Physical Resources

### **Monica Clarine**

Secretary, Discovery Park Campus

### **Sandra Clonts**

Custodian

### **Surcie Clonts**

Campus Police Officer

### **Karen Coppola**

Grants Specialist, Business Administration

### **Samuel DeLeon**

Maintenance Mechanic

### **Steven Delgado**

JR Maintenance Mechanic

### **Teancum Despain**

Lead Food Service Worker

### **Lucy Ferrin**

Payroll Administrator, Business Administration

### **Kayla Gaines**

Records Technician

### **Elizabeth Graves**

Financial Aid and Veterans Services Advisor

### **Leah Goodman**

Accounts Receivable Specialist

### **David Gunnett**

Custodian

### **Janell Hackett**

Assistant, Library Services

## Eastern Arizona College

**Valerie Hale**

Records Technician

**Levi Hancock**

Software Technician, Information Resources

**Trevor Hart**

Department Specialist, Institutional Research

**Anthony Hernandez**

Custodian

**Massiel Hirsch**

Employment/Recruitment Specialist

**Jeana Jones**

Lead Food Service Worker

**Krista Kouts**

Financial Aid Analyst

**Christi Larson**

Evaluator Graduation Technician

**Lance Lines**

Campus Police Officer

**Janae Lines**

Secretary/Assistant, Athletics

**Tamara Lueck**

Lead Cook

**Jim Lutz**

HVAC/Electrical Mechanic

**Marcia Macdonald**

Assistant, Student Life

**Santiago (Jimmy) Maltos**

Custodial Technician

**Timilee McNair**

Costumer, Fine Arts

**Debbie Miller**

Degree Audit Specialist

**Nathan Miller**

HVAC/Electrical Mechanic

**Michael Montoya**

Department Specialist, Institutional Research

**Penny Moses**

Accounting Specialist

**Daniel Nabor**

IT Support Specialist

**Dolores Nabor**

Custodian

**Shawn Nelson**

General Maintenance Foreman

**Linda Ochoa**

Custodial Foreman

**Erica Parnell**

Secretary, Nursing Program

**Sandy Parrish**

Assistant, Information Resources

**Debbie Patton**

Custodian Tracee Peters Sports Information Technician

**Melinda Perez**

Accounts Payable Clerk

**Angela Polley**

Custodian

**Jordan Pulsipher**

Custodian

**Pedro Ramirez**

Groundskeeper

**Erin Roden**

Financial Aid and Veterans Services Advisor

**Tamara Rowan**

Custodian

**Monique Saldana**

MPR Specialist/Lead Ticket Sales

**Anastasia Seaman**

Employment/Benefits Specialist

**Ashley Somoza**

Financial Aid and Veterans Services Analyst

**Christopher Skinner**

Groundskeeper

**Lamar Skinner**

Grounds Foreman

**Daniel Thomsen**

IT Support Technician

## Eastern Arizona College

**Stephanie Walters**  
Administrative Assistant

**Catherine Winkler**  
Record Technician

**Jared Williams**  
Maintenance Carpenter

## PRISON STAFF

**Merlin Baldwin**  
B.S., Arizona State University  
Associate Professor

**Aaron Martinez**  
Associate Professor

**Steven Keim**  
License/Certificate ESCO Institute  
Associate Professor

**Kip Nielson**  
Associate Professor

**Ryan Jarvis**  
A.A., Eastern Arizona College  
Associate Professor

**Randolph Schein**  
B.S., Laramie County Community College  
Associate Professor

**Charles Petersen**  
B.S., Northern Arizona University  
Coordinator, Prison Programs

**Melvin Robinson**  
B.S., Brigham Young University  
Associate Professor

**Jeff Roebuck**  
B.S., M.A., Western New Mexico University  
Associate Professor

**Henry Truesdell**  
Associate Professor

**Tyrell Turnidge**  
Associate Professor

## EMERITI

**Sharon Allen (1994-2018)**  
B.S., M.A.Ed., University of Arizona  
Assistant Dean, Counseling

**Mark Anderson (1988-2010)**  
B.S., Lewis & Clark College  
M.B.A., Brigham Young University  
Business Faculty

**Verlene Anderson (1979-2008)**  
A.A., A.A.S., Eastern Arizona College  
Associate Director, Records and Registration

**Eldon Angle (1965-1992)**  
A.A., Eastern Arizona College  
B.S., M.S., University of Arizona  
Biological Science Faculty  
Division Chair, Math/Science

**John Arbuthnot (1985-2002)**  
A.A., Phoenix College  
B.A., M.A., Arizona State University  
Associate Dean of Arizona State Prison Program

**Paula Asbury (1989-2011)**  
A.A., Eastern Arizona College  
B.S., University of Arizona  
Director, Information Resources

**Jim Bagnall (1996-2023)**  
B.S.Ed., University of Arizona  
M.S.E., Old Dominion University  
Director of Athletics, Division Chair, HPE

**Kathleen Bailey (1983-2007)**  
A.A., Eastern Arizona College  
B.S., M.A.Ed., University of Arizona  
Business Faculty

**Madhuri Bapat (1999-2018)**  
B.S., M.S., University of Poona  
M.S., Wright State University  
Physics Faculty

**Danny Batraw (1999-2022)**  
A.A., Eastern Arizona College  
B.S.Ed., M.Ed., Northern Arizona University  
Director, Student Life

## Eastern Arizona College

### **Bruce Bishop (2001-2018)**

B.M., Brigham Young University  
M.A., University of Wyoming  
D.M.A., University of Arizona  
Music Faculty

### **Linda Blan (2002-2020)**

B.A., University of California at Santa Cruz  
M.A., Northern Arizona University  
Anthropology/Social Sciences Faculty

### **Bonnie Briscoe (1980-2001)**

B.A., McMurry College  
M.S.T., New Mexico Technology University  
Geology Faculty

### **Jeanne Bryce (1991-2020)**

A.A., Eastern Arizona College  
B.A., Arizona State University  
M.A., Northern Arizona University  
Vice President, Academic & Student Affairs

### **Mark Bryce (2002-2018)**

B.S., J.D., Brigham Young University  
President

### **Shelley Carter (1999-2017)**

Executive Assistant

### **Douglas Christie (1979-2010)**

B.A., M.Ed., Northern Arizona University  
Director, Prison Programs

### **Brian Coppola (1989-2020)**

A.A.S., Eastern Arizona College  
B.S. Oregon Institute of Technology  
M.V.E., Northern Arizona University  
Automotive Faculty

### **Mary Gayrene Claridge (1988-2025)**

A.A., Eastern Arizona College  
B.A., Northern Arizona University  
M.ED., Northern Arizona University

### **Michael Crockett (1989-2020)**

A.A., Eastern Arizona College  
B.A., University of Arizona  
M.A., Northern Arizona University  
Dean of Instruction

### **Bernard Cullen (2005-2019)**

B.S., Northeast Missouri State University  
M.A., University of Phoenix  
M.A., Northern Arizona University  
Ph.D., Capella University Senior  
Dean - Gila County

### **Tim Curtis (1990-2020)**

C.P.A., B.S.B.A., University of Arizona  
M.Ed., Northern Arizona University  
Vice President of Finance

### **Jim Davis (1976-1994)**

B.A., M.S., Arizona State University  
Coordinator of Gila County Programs

### **Nancy DeSpain (1980-2008)**

A.A., Eastern Arizona College  
B.A., M.Ed., Northern Arizona University  
Assistant Supervisor, Fiscal Control

### **Monica Ehлке-Cole (1992-2008)**

B.A., Valparaiso University  
M.A., Marquette University  
M.A., University of California Technical Theatre  
Director Drama Faculty

### **Cathey Felix (1978-2002)**

B.A., Arizona State University  
M.A., Northern Arizona University  
Business/General Education  
Division Chair Business Faculty

### **Judy Fisher (1975-2001)**

A.A., Eastern Arizona College  
Assistant Director, Financial Aid

### **Sharon (Hopli) Fitz-William (1991-2011)**

B.S., Colorado State University  
Transition Facilitator

### **Wayne Flake (2000-2020)**

B.S., Brigham Young University  
M.A., University of Arizona  
M.A., Prescott College  
Sociology Faculty

### **Joyce Flamm (1970-2005)**

A.A., Ricks College  
B.A., M.A., Brigham Young University  
English Faculty

### **Debra Green (1998-2019)**

A.A., Eastern Arizona College  
B.A., Arizona State University  
M.A., Northern Arizona University  
Mathematics Faculty

## Eastern Arizona College

### **Nathalene Green (1971-1992)**

A.A., Eastern Arizona College  
B.S., M.S., University of Arizona, C.H.E.  
Family Consumer Resources Faculty

### **Richard Green (1986-2005)**

B.A., New Mexico State University  
M.A., University of Kansas  
Ph.D., University of Georgia  
Art/Design Faculty

### **Luke Hatch (1996-2024)**

Information Resources

### **Gerald Hekeia (1987-2001)**

B.S., Church College of Hawaii  
M.S., Brigham Young University  
Head Volleyball Coach  
Physical Education Faculty

### **David Henson (2002-2022)**

B.S.Ed., M.Ed., Northern Arizona University  
Science Faculty

### **Carin Hiatt (1995-2022)**

A.A., A.A.S., Eastern Arizona College  
B.A.S., Northern Arizona University  
Project Director, Information Resources

### **Gherald L. Hoopes Jr. (1975-2002)**

B.S., M.B.A., University of Arizona  
President

### **J. Edward S. Hunter (1963-2003)**

B.A.Ed., M.A.Ed., Arizona State University  
Computers Faculty

### **Steve Jarvis (1997-2020)**

B.S., Arizona State University  
Webmaster

### **E. Wesley Jernigan (1989-2002)**

B.A., M.A., Ph.D., University of Arizona  
Anthropology Faculty

### **Rebecca Johnson (1975-2002)**

A.A., Eastern Arizona College  
Executive Assistant

### **Steve Johnson (1989-2013)**

A.A., Eastern Arizona College B.S.,  
M.A., Northern Arizona University  
Administration of Justice Faculty  
Director, Center for Teaching and Learning

### **Terrence Jones (1998-2019)**

B.S., M.B.A., Arizona State University  
M.A., Northern Arizona University  
English Faculty

### **Patricia Jordahl (1993-2016)**

B.A., Luther College  
M.A., Western New Mexico University  
Music Faculty  
Director of Musical Theatre Division Chair, Fine Arts

### **William D. Karlinsky (1976-2002)**

B.A., University of Washington  
M.S., Arizona State University  
Division Chair, Machine Shop  
Technology Education Faculty

### **Norman V. Lanquist (1969-2002)**

B.A., University of the Pacific  
M.A., San Francisco State College  
English Faculty

### **Dee Lauritzen (1996-2016)**

B.S., Weber State University  
M.S., Brigham Young University  
Ed.D., Northcentral University  
ITE Faculty

### **Charles LaVetter (1966-2002)**

B.S., University of Arizona  
M.S., Northern Arizona University  
Head Men's Basketball Coach

### **Janice Lawhorn (2000-2022)**

A.G.S., Eastern Arizona College  
B.A. M.Ed., Northern Arizona University  
M.S., University of Phoenix  
Ph.D., Northcentral University  
Senior Dean

### **Gwen Lewis (1980-2009)**

B.A., University of Arizona  
M.A., Northern Arizona University  
Counselor

### **Sandra Ludwig (2003-2018)**

B.S.N., M.S.N., University of Phoenix  
Nursing Faculty

### **David Lunt (1980-2001)**

B.S., M.M.E., Northern Arizona University  
D.M.A., University of Arizona  
Vocal/Choral Music Director

## Eastern Arizona College

**James Mark (1988-2010)**

B.A., M.S., The American University  
Mathematics Faculty

**Gary F. McBride (1966-1988)**

A.A., Eastern Arizona College  
B.A., M.A.Ed., Arizona State University  
Automotive Technology Faculty

**Michael McCarthy (1994-2017)**

B.S., M.S., Arizona State University  
Associate Professor

**Brent McEuen (1987-2018)**

B.S., University of Arizona  
M.S.M., Northern Arizona University  
Executive Vice President

**Mike McEuen (2007-2018)**

Chief of Campus Police

**Gerry McNeeley (1985-2002)**

B.S., Pittsburgh State University  
Carpentry Faculty

**JoAnn Morales (1998-2020)**

A.A., Eastern Arizona College  
B.S., M.Ed., Northern Arizona University  
Early Childhood Education Faculty

**William Nidiffer (2001-2017)**

B.A., M.F.A., University of Oklahoma  
Theatre Design and Production Faculty

**Ida Nunley (1993-2015)**

B.A., University of Texas  
M.Ed., Northern Arizona University  
English/Reading Faculty

**Holly Pascoe (1985-2007)**

B.S., University of Arizona  
M.Ed., Northern Arizona University  
Assistant Dean of Student Life

**Leon L. Peterson (1962-1995)**

B.A., Brigham Young University  
M.A., University of Arizona  
English Faculty

**Paul Phelps (1974-2001)**

B.A., Sterling College, Kansas  
M.A., University of Oklahoma  
Director, Public Information

**Sherry Porter (2011-2021)**

B.S., M.Ed., Northern Arizona University  
Evaluator, GEAR UP

**James Quinlan (2006-2021)**

B.A., Gonzaga University  
M.Ed., Northern Arizona University  
Professor

**Kenny Rhodes (2006-2017)**

A.A., Eastern Arizona College  
B.F.A., University of Arizona  
M.A., Northern Arizona University  
Art Faculty

**Robert Richman (2004-2018)**

B.A., Washington and Jefferson College  
M.D., Tufts University  
Allied Health Faculty

**Lee Russell (1980-2010)**

B.A., M.A., Brigham Young University  
Speech Faculty

**Ellen Schmidt (1984-1999)**

B.S., Queens College  
M.S., Adelphi College  
Physics Faculty

**Dona Schreur (1981-2006)**

B.S., St. Cloud State University  
M.A., University of Arizona  
English Faculty

**Ralph Selensky (1992-2007)**

A.A., Rio Hondo Junior College  
B.A., California State College of Long Beach  
M.Ed., Prairie View A&M University  
Mathematics Faculty

**Margaret Simonton (2006-2018)**

B.A., University of California at Berkeley  
M.A., Ph.D., Washington University of St. Louis Missouri  
English Faculty

**Mayuree Siripoon (1996-2016)**

B.S.N., Mahidol University  
M.S., D.N.S., Boston University  
Allied Health Faculty

**Randall Skinner (2000-2020)**

B.S., University of Arizona  
M.Ed., Northern Arizona University  
Ph.D., University of Nebraska-Lincoln  
Associate Dean and Registrar

## Eastern Arizona College

### **Charles Smith (2006-2018)**

A.A., Eastern Arizona College  
Electrical and Instrumentation Technology Faculty

### **Monte G. Smith (1967-1998)**

B.S., M.S., Brigham Young University  
Sociology Faculty

### **Glen Snider (2003-2019)**

B.A., University of Waterloo  
B.T.H., Ontario Bible College/Tyndale Seminary  
M.S.W., Wilfrid Laurier University  
Director, Institutional Research

### **Jose Sosa (1995-2010)**

B.A., Arizona State University  
M.Ed., Northern Arizona University  
Project Director, ASPIRE

### **Don Spencer (1978-1991)**

B.S., M.Ed., Brigham Young University  
Developmental Education Faculty

### **Richard Spining (1981-2009)**

B.A., M.A., M.Ed., University of Arizona  
Assistant Dean of Counseling

### **Bruce Stanfield (1967-2002)**

B.S., M.A., Eastern New Mexico University  
Vice President of Academics and Student Affairs

### **David Tammer (1983-2006)**

B.A., M.A., San Francisco State University  
M.F.A., University of Arizona  
English Faculty

### **Edward Vergara (1972-1999)**

B.S., M.A., Northern Arizona University  
Business Faculty  
Division Chair, Business

### **Charles W. Watson (1977-1999)**

B.S., M.A., Ph.D., Brigham Young University  
History/Political Science Faculty

### **Linda Watts (1990-2001)**

B.S., M.L., State University of New York  
Librarian

### **F. Hal Weaver (1990-2007)**

B.A., M.A., Ph.D., University of Kansas  
Dean of Instruction

### **Darwin Weech (2004-2018)**

A.A., Eastern Arizona College  
B.S., Brigham Young University  
C.P.A., C.G.F.M.  
Director, Fiscal Control

### **Dan Welker (2005-2019)**

A.A., Eastern Arizona College  
B.S., University of Arizona  
Director, Physical Resources

### **Richard Welker (1980-2004)**

B.S., University of Arizona  
M.A., Norwich University Vermont College  
Chief Business Officer

### **Ballard T. White (1966-1995)**

B.S., M.S., Brigham Young University  
Business Faculty

### **Marilyn Wilton (2002-2014)**

Ph.D., University of New Mexico  
English Faculty

### **Priscilla Zuber (1990-2001)**

B.A., Colorado Women's College  
M.A., Arizona State University  
Assistant Dean

## ARCHIVED CATALOGS

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## DUAL ENROLLMENT







Get a "jump" start on college through EAC's Dual/Concurrent Programs. Reduced tuition for enrolled high school students - \$70 per credit!

### How to Enroll and Pay

- Meet with your high school counselor to choose a pathway

- Get admitted into EAC - [Apply Now!](#)
- Determine Placement & Course Requirements (Contact the Testing Center, (928) 428-8342, to schedule a placement test)
- Submit Official High School Transcript
- Complete the [Dual Enrollment Form](#)
- Activate your MyEAC & Monster Mail Accounts
- Complete the FERPA form (Family Educational Rights & Privacy Act) for students under the age of 18
- Register & Pay for classes in eac.edu/MyEAC/ - \$70 per credit OR at EAC's Business Administration Division in the Student Services Building
- Students must be registered for a course during the term that the course is taught to receive dual credit.

Dual Enrollment is a cost-effective way for high school students to get a head start on college. Dual Enrollment allows high school students to enroll in college courses offered at their high school campus (taught by college certified instructors) to fulfill both high school and college graduation requirements as well as save money and time. Courses vary by high school to help students achieve their post-secondary certificate and/or degree goal!

																				
ENG101 Written Communications I	HCE156 Science for Allied Health						ENG101 Written Communications I													
ENG102 Written Communications II	HCE190 Human Body in Health and Disease						ENG102 Written Communications II													
HCE100 Basic Health Care Concepts and Skills	MAT121 Intermediate Algebra						HCE156 Science for Allied Health													
HCE101 Basic Life Support	MAT151 Precalculus Algebra						HCE190 Human Body in Health and Disease													
HCE116 Medical Dosage Calculations	MAT181 Precalculus Trigonometry																			
							GIFT & MORENCI HIGH SCHOOL													
BUA101 Introduction to Business	HCE156 Science for Allied Health						CUL101 - Missing course													
ENG101 Written Communications I	HCE190 Human Body in Health and Disease						CUL102 - Missing course													
ENG102 Written Communications II	HIS102 U.S. History Since 1865						CUL103 - Missing course													
ENG241 American Literature I	MAT121 Intermediate Algebra						CUL104 - Missing course													
ENG242 American Literature II	MAT151 Precalculus Algebra						ELT110 Electricity and Electronics													
HCE100 Basic Health Care Concepts and Skills	MAT181 Precalculus Trigonometry						ELT111 DC Electrical Systems													
HCE101 Basic Life Support	MAT221 Calculus I						ELT112 AC Electrical Systems													
HCE116 Medical Dosage Calculations	PSY101 Introduction to Psychology						ELT115 Conduits and Raceways													
																				
BIO100 Biology Concepts	ENG242 American Literature II					BIO160 Introduction to Human Anatomy and Physiology	MAT151 Precalculus Algebra													
BIO160 Introduction to Human Anatomy and Physiology	ENG280 Introduction to Literature					COM201 Public Speaking	MAT160 Introduction to Statistics													
CHM138 An Introduction to General, Organic, and Biological Chemistry	HIS104 The Development of Europe to 1650					ENG101 Written Communications I	MAT181 Precalculus Trigonometry													
COM201 Public Speaking	HIS105 Modern Europe Since 1550					ENG102 Written Communications II	MAT221 Calculus I													
ENG101 Written Communications I	MAT121 Intermediate Algebra					ENG241 American Literature I	SPA101 Elementary Spanish I													
ENG102 Written Communications II	MAT151 Precalculus Algebra					ENG280 Introduction to Literature	SPA102 Elementary Spanish II													
ENG241 American Literature I						MAT121 Intermediate Algebra														
																				
BIO100 Biology Concepts	CHM130 Fundamental Chemistry					ENG102 Written Communications II	MAT140 College Mathematics	MAT221 Calculus I												
BIO107 - Missing course	CHM138 An Introduction to General, Organic, and Biological Chemistry					HCE241 Nutrition	MAT151 Precalculus Algebra	PSY101 Introduction to Psychology												
BIO107 - Missing course	CHM151 General Chemistry I					HIS101 U.S. History to 1877	MAT160 Introduction to Statistics	SPA101 Elementary Spanish I												
BIO160 Introduction to Human Anatomy and Physiology	ENG101 Written Communications I					HIS102 U.S. History Since 1865	MAT181 Precalculus Trigonometry	SPA102 Elementary Spanish II												

Concurrent Enrollment is a cost-effective way for high school students to get a head start on college. Concurrent Enrollment allows high school student to enroll in college courses offered at EAC's campus to fulfill both high school and college graduation requirements as well as save money and time. Concurrent Enrolled students must meet the seat hour requirements at their high school.

As a high school student, you can take college courses at EAC and graduate from high school and college at the same time!

**Questions about payment options?**

Contact Business Administration Division 928-428-8221 Option #2

**Dual Enrollment questions?**

Contact Sherli Skinner, [sherli.skinner@eac.edu](mailto:sherli.skinner@eac.edu) or (928)-428-8509

**Concurrent Enrollment questions?**

Contact Edwin Zavala, [edwin.zavala@eac.edu](mailto:edwin.zavala@eac.edu) or (928)-428-8611

**MISSION AND INTRODUCTION**

**VISION**

Inspire and empower students for lifetime success through a sense of community and world-class education.

**MISSION**

Eastern Arizona College is a student-centered institution that prepares individuals to thrive in a complex, ever-changing world through accessibility, cultural development, and innovative educational programs.

**PURPOSES**

The College shall:

- Provide university transfer degree programs and courses.
- Offer associate degree and certificate programs that meet workforce needs of the local and global communities.
- Maintain quality support services to assist students in identifying and achieving personal, educational, and career goals.
- Support the educational, cultural, and economic needs of the community.
- Offer activities and programs that promote general student welfare while fostering an environment in which students can develop leadership, citizenship, and character.
- Provide innovative activities and programs that foster life-long learning.
- Facilitate opportunities beyond traditional two-year programs through collaborative partnerships.

**VALUES**

• Accountability	• Inclusion	• Innovation
• Integrity	• Quality	• Tradition

**COMMITMENT**

Eastern Arizona College commits to fostering a welcoming, fair and respectful environment in which all are given the opportunity to meet their educational goals. The focus of this commitment is built on the foundation of a community that appreciates, welcomes, and is ready to harness the unique talents and expertise of our widely diverse and dynamic community. EAC recognizes that an important aspect of higher education is exposure to different cultures, perspectives, and beliefs and wishes to foster this through curricular and co-curricular activities.

**PRESIDENT’S WELCOME**



Welcome to Eastern Arizona College, the oldest and most beautiful community college in Arizona. Nestled in the Gila Valley and surrounded by mountain ranges, EAC is steeped in tradition and ready to provide a great start to your future. We offer certificates and associate degrees that will prepare you to enter the job market with marketable skills or transfer to the university of your choice.

Eastern Arizona College has developed a long tradition of academic excellence and student success. We are fully accredited by The Higher Learning Commission and our qualified and caring faculty and staff are excited to help you achieve your goals. We believe there is something for everyone at EAC, and your success is our goal.

I invite you to visit our campus, talk with our faculty, and prepare yourselves for a collegiate experience that will surpass your expectations. On behalf of Eastern Arizona College, I look forward to seeing you on campus.

Todd Haynie  
President

**Eastern Arizona College Founded 1888**  
District Governing Board  
Jeff B. Larson, Chair

Brad Montieth, Secretary  
Lois Ann Moody, Member  
Tina C. McMaster, Member  
Vince Kieffer, Member

**College President**  
Todd Haynie

**Greenlee County Advisory Committee Membership:**  
District 3 (Chair)..... Donald Merrell (6-30-25)  
Business Community.....Kimberly Henderson (6-30-25)  
District 2.....Christin Harper (6-30-25)  
Health Services Representative.....Theresa Andazola Salazar (6-30-27)  
Administrative Representative, Morenci Schools..... Joe Garcia (6-30-27)  
Administrative Representative, Duncan Schools.. Eldon Merrell (6-30-26)  
Freeport McMoRan..... Martha Lujan (6-30-26)  
Town of Duncan..... Terry Hinton (6-30-25)  
Duncan Valley Electric..... Kassi Mortensen (6-30-26)  
Town of Clifton.....Laura Dorrell (6-30-26)  
Greenlee County Board of Supervisors.....David Gomez (Ex Officio)

**ACCREDITATION**

Eastern Arizona College is accredited by the Higher Learning Commission.

## Eastern Arizona College

Higher Learning Commission  
230 South LaSalle Street, Suite 7-500  
Chicago, Illinois 60604-1411  
Phone: (800) 621-7440 or (312) 263-0456  
Fax: (312) 263-7462  
Email: [info@hlcommission.org](mailto:info@hlcommission.org)  
Web: <https://www.hlcommission.org/>

The College is a member of the Arizona Community College System.

The names of associates, agencies, or governmental bodies which accredit, approve, or license Eastern Arizona College can be viewed at <https://eac.edu/about/accreditation.php>. Additional information on EAC's accreditation standing and procedures can be obtained by contacting Aaron Westerfield at (928)428-8339 or [aaron.westerfield@eac.edu](mailto:aaron.westerfield@eac.edu).

## STATE AUTHORIZATION

Eastern Arizona College, as a member of the National Council for State Authorization Reciprocity Agreement (SARA), can provide online courses to students who live in other states. EAC must adhere to a consistent framework for post secondary distance education that SARA sets across all participating states, districts, and territories.

## HISTORY

Eastern Arizona College - the first community college in Arizona - has helped students achieve their dreams since 1888.

Originally known as St. Joseph Stake Academy, the institution served the youth of the Gila Valley from 1890 to 1933, introducing junior college courses in the early 1920s.

On March 25, 1933, St. Joseph Stake Academy underwent a transition to become a public county institution, operating under the Arizona State School Code. It was subsequently renamed Gila Junior College. On July 1, 1950, the institution's name was changed to Eastern Arizona Junior College.

A significant milestone occurred in 1962 when the college became the inaugural official state junior college within the Arizona State System of Community and Junior Colleges. By 1966, the designation "Junior" was dropped from the institution's name.

Today, Eastern Arizona College prepares students for the most in-demand careers and advanced study at universities. EAC offers more than 90 certificates and degrees, including the #1 nursing school in Arizona, a fine arts program featuring the only community college marching band in Arizona, and an engineering program that brings students up to speed for success. Notably, EAC also provides two bachelor's degree programs— a Bachelor's of Science in Health Sciences and a Bachelor's in Music Education, both offered at a fraction of the cost compared to traditional universities, with dedicated and accessible faculty guiding students toward success.

EAC provides a comprehensive student experience, including on-campus housing, a diverse array of over 30 clubs and organizations, engaging intramurals, and nationally ranked athletic and e-sports teams. Students at EAC not only benefit from a quality education but also forge enduring friendships, thriving as they pursue their educational and personal goals.

## EAC ALUMNI ASSOCIATION

The Eastern Arizona College Alumni Association was organized by President Emil Maeser, fourth President (1898-1903) of the Latter-day Saint Academy during the spring term in 1900.

The EAC Alumni Association played a significant role in the history of Eastern Arizona College. Beginning with Old Main, down through the completion of the Memorial Bell Tower, EAC's alumni have contributed to the growth and development of the College.

Today, the Alumni Association boasts a membership of over 35,000 individuals. The Alumni Association has a Board of Directors and three standing committees to assist in fulfilling its purposes. The Alumni Association provides scholarships, reunions, and other alumni events to support current students and alumni.

Together, we are building a bright and vibrant future for all who come and experience Eastern Arizona College.

## EAC ALUMNI ASSOCIATION BOARD

Cindy Olvey, President  
Larry Rapier, Treasurer  
Becky Johnson, Secretary  
Lois Ann Moody, Director  
Jody Peck, Director  
Molly Steffens, Director  
Stephanie Hoopes, Director  
Deborah Larned, Director  
Ginger O'Gaffney, Director  
Todd Haynie, Director (President, EAC)  
Tyson Richins, Director (President, EAC Foundation)

## EAC FOUNDATION

The Eastern Arizona College Foundation is a non-profit corporation that is fiscally and organizationally separate from the College. The Foundation is empowered to receive gifts, bequests and endowments, which are tax deductible to the donor.

Through the EAC Foundation, a variety of ways have been developed for individuals and businesses to support Eastern Arizona College.

These gifts come to the Foundation in the form of cash, marketable securities, real property, bequests, and gifts-in-kind. Special gift provisions can also be made through a will, by gifts of insurance policies, or the establishment of an endowment or a trust.

Gifts to the Foundation may be given for a specific purpose or given without restriction. Donations can also be arranged to obtain the maximum tax benefit to the donor while at the same time providing support for the mission of the College. The Foundation staff, with the assistance of your attorney or accountant, can provide additional information on the donor plan that is best for you.

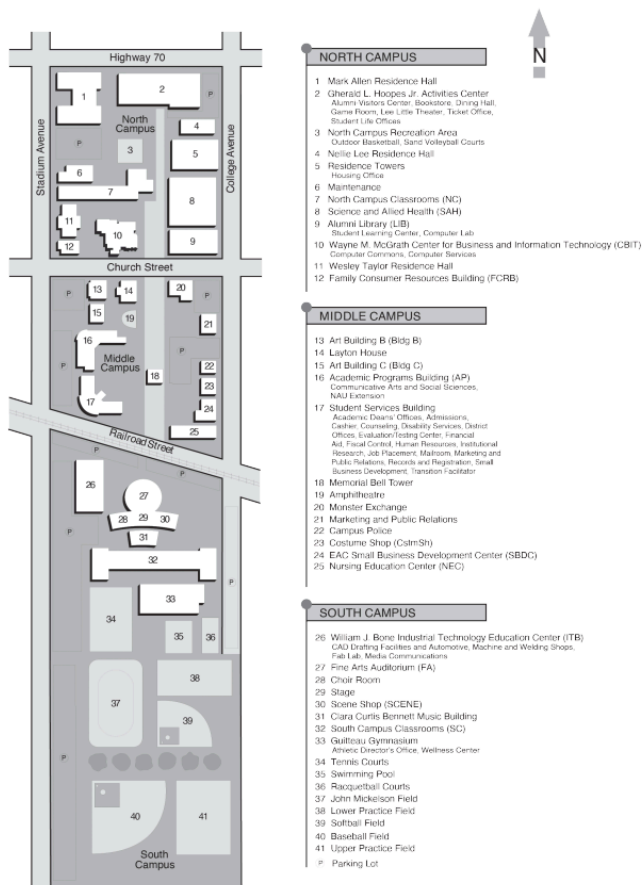
For over 125 years, support for Eastern Arizona College and its educational mission has come in many forms. It is the continued generosity and commitment of alumni, businesses, and friends of the College that has been instrumental in helping Eastern produce students ready for success and achievement in the world of tomorrow. If you would like more information, please contact the executive director of the EAC Foundation at (928) 428-8295 or 1-800-678-3808.

## EAC FOUNDATION BOARD

Tyson Richins, President  
David Konopnicki, Vice-President  
Michael Andazola, Secretary  
Susan Turley, Treasurer  
Cindy Olvey, Director (President, EAC Alumni Association)  
Todd Haynie, Director (President, EAC)  
George Lord, Director  
Verlene Anderson, Director  
Joel Biggs, Director

## THATCHER CAMPUS MAP

# THATCHER CAMPUS MAP



- NORTH CAMPUS**
- 1 Mark Allen Residence Hall
  - 2 Gerald L. Hoopes, Jr. Activities Center  
Alumni Visitors Center, Bookstore, Dining Hall,  
Game Room, Lee Little Theater, Ticket Office,  
Student Life Office
  - 3 North Campus Recreation Area  
Outdoor Basketball, Sand Volleyball Courts
  - 4 Nellie Lee Residence Hall
  - 5 Residence Towers  
Housing Office
  - 6 Maintenance
  - 7 North Campus Classrooms (NC)
  - 8 Science and Allied Health (SAH)
  - 9 Alumni Library (LIB)  
Student Learning Center, Computer Lab
  - 10 Wayne M. McGrath Center for Business and Information Technology (CBIT)  
Computer Commons, Computer Services
  - 11 Wesley Taylor Residence Hall
  - 12 Family Consumer Resources Building (FCRB)

- MIDDLE CAMPUS**
- 13 Art Building B (Bldg B)
  - 14 Layton House
  - 15 Art Building C (Bldg C)
  - 16 Academic Programs Building (AP)  
Communicative Arts and Social Sciences,  
N&J Extension
  - 17 Student Services Building  
Academic Advising Office, Admissions,  
Career, Counseling, Disability Services, District  
Offices, Evaluation/Testing Center, Financial  
Aid, Fiscal Control, Human Resources, Institutional  
Research, Job Placement, Mailroom, Marketing and  
Public Relations, Records and Registration, Small  
Business Development, Transition Facilitator
  - 18 Memorial Bell Tower
  - 19 Amphitheater
  - 20 Monster Exchange
  - 21 Marketing and Public Relations
  - 22 Campus Police
  - 23 Costume Shop (Cost/Sh)
  - 24 EAC Small Business Development Center (SBDC)
  - 25 Nursing Education Center (NEC)

- SOUTH CAMPUS**
- 26 William J. Bone Industrial Technology Education Center (ITB)  
CAD Drafting Facilities and Automotive, Machine and Welding Shops,  
Fab Lab, Media Communications
  - 27 Fine Arts Auditorium (FA)
  - 28 Choir Room
  - 29 Stage
  - 30 Scene Shop (SCENE)
  - 31 Clara Curtis Bennett Music Building
  - 32 South Campus Classrooms (SC)
  - 33 Goutreau Gymnasium  
Athletic Director's Office, Wellness Center
  - 34 Tennis Courts
  - 35 Swimming Pool
  - 36 Racquetball Courts
  - 37 John Mickelson Field
  - 38 Lower Practice Field
  - 39 Softball Field
  - 40 Baseball Field
  - 41 Upper Practice Field
  - P Parking Lot

## HOUSING AND DINING FACILITIES

### HOUSING AVAILABILITY AND RESERVATIONS

Residence hall facilities are available on the Thatcher campus for both men and women. Tour arrangements of these facilities can be made with the Enrollment Management Office when you visit campus or by calling (928) 428-8272. For students considering off-campus options, the Student Life Office maintains a web site directory of private facilities available for rent. Inquiries concerning the directory can be made by calling (928) 428-8354.

On campus residence hall spaces are limited, especially during the fall semester. Students are encouraged to apply for space as soon as they can by submitting a Housing Application. Hall space assignments are made on a first-come, first-served basis, based on the date the Residence Life Office receives your application. Preference will be given to full-time students for College housing. Student must be 18 years of age or older by 45th day of the semester. Students may apply online through their MyEAC Student Portal. If you have questions about the application and assignment process, please contact the Residence Life Office at (928) 428-8605.

EAC reserves the right to deny on-campus housing, change room assignments, or remove a student from College housing if it is felt to be in the best interest of the student and/or the College.

EAC is not responsible for the loss, theft, or damage to personal property. Firearms, simulated weapons, any kind of projectile weapon and/or other weapons, explosives of any kind, intoxicating liquors, illegal drugs, or any mind-altering substances are prohibited in the residence halls and elsewhere on College property at all times. Those in violation will be subject to Student Conduct sanctions and/or possible expulsion from EAC, and restricted items confiscated. Pets are not allowed in the residence hall areas or rooms at any time.

### RESIDENCE HALL ROOM FEES FOR 2025-2026

Mark Allen and Wesley Taylor Halls are traditional, like gender residence halls, with double occupancy rooms. Nellie Lee is also a traditional, like gender residence hall, with triple occupancy rooms. Room costs are \$1,300 for the fall or spring semester.

In Mark Allen Hall, if space is available, single occupancy/private rooms can be selected at the room cost of \$2,100 per semester.

Residence Towers are four like-gender student suites adjoining a common area, with four students per suite. Room costs are \$2,100 for the fall or spring semester.

Room and meal plan fees must be paid prior to the date the residence halls open for the semester. If fees are not paid by this date, your reservation will be subject to cancellation and your reservation deposit forfeited. Students not checking into the assigned hall space by the end of the first day of class for that semester will be subject to the cancellation of their reservation and forfeiture of deposit. Residence hall room costs are subject to annual change.

### HOUSING CANCELLATIONS AND REFUND ELIGIBILITY

The \$150 reservation deposit reserves a space in a residence hall. If a resident does not check into a hall during scheduled check-in days, deposit will be refunded if:

- Resident cancels on or before July 15th for Fall Semester or December 15th for Spring Semester
- Resident has not been assigned to campus housing space and asks to be removed from the reservation list.

Reservation deposits are not refunded if reservation is canceled after the deadline dates described above or resident is a no-show for check-in.

Residents can cancel using the link: [eac.erezlife.com](http://eac.erezlife.com).

Students who cancel a residence hall reservation on or before the day the residence hall opens will be eligible for a refund of room costs minus reservation deposit. Students who cancel or move out of a residence hall by the close of registration for the current semester will be eligible for a 50 percent refund of room costs minus reservation deposit. There is no refund of housing costs after the end of registration.

Students must check-out with hall staff to be eligible for a refund and be released from responsibility for the room.

## CAMPUS DINING

Campus Dining is located in the NW corner of the Gerald L. Hoopes Jr. Activities Center Lobby. Meals are served both cafeteria-style and in Gila Hank's Deli. Gila Hank's Deli has extended hours of service throughout the day and evenings.

All students who live in a residence hall are required to purchase a meal plan option each semester. Any student, faculty, staff, or guests of the College may purchase food and beverages A La Carte in the cafeteria and Gila Hank's Deli with cash, credit card, or debit card.

Meal plan costs are subject to annual change.  
<https://eac.edu/student-life/dining.php>.

### FOOD SERVICE REFUNDS:

Students who completely withdraw from EAC and cancel their food service prior to the last Friday in October for the Fall semester or the last Friday in March for the Spring semester will be eligible for a refund of the unused portion of the initial meal plan purchase. Reloaded meal cards are not eligible for a refund.

## FACILITIES CLOSED

On campus residence halls are closed to all students during the semester break between the fall and spring semesters and during Spring Break. Fall semester student residents returning for the spring semester may leave their personal possessions in the hall room to which they have been assigned. Students are not required to remove personal possessions from rooms during the Spring Break.

Student residents not returning after the fall semesters are expected to check-out of the hall by 9 a.m. of the closure date of the hall or earlier. Students not checking out by this date/time will be subject to a daily rate charge.

All spring semester student residents must check-out of residence halls by 9 a.m. of the closure date of the hall. Students not checking out by this date/time will be subject to a daily-rate charge.

Any exceptions to hall closures, check-out dates/times, or check-in dates/times must be approved by the Director of Residence Life or the Residence Life Office.

Food service/dining hall is closed for meal plan use during scheduled hall closures and Thanksgiving day. At times during the fall and spring semesters, school picnics/BBQs are held on campus. An alternate meal schedule may be imposed during these times, or the meal may be replaced by the picnic/BBQ activity.

For additional information concerning hall closures and food service on campus, please contact the Residence Life Office at (928) 428-8605 or the Student Life Office at (928) 428-8354 or visit the websites: <https://eac.edu/student-life/dining/> or <https://eac.edu/student-life/housing/>.

## HEALTH SERVICES

Although the College does not maintain health service facilities, students may use local emergency room and medical facilities. Serious illnesses or injuries occurring to nonresident students while on the Thatcher or Greenlee County Campuses are reported to the Dean of Students. Students residing in a residence hall are required to report any illnesses or injuries to the Residence Life Staff. Parents will be notified at once of any serious illness or injury.

College staff assigned to residence halls are concerned about student wellbeing and can help direct students to the appropriate medical services. However, they cannot take responsibility for providing sickbed services to students residing in the halls. The students and parents must arrange for such care.

## GENERAL EDUCATION

General Education (GE) at Eastern Arizona College provides students with a diverse curriculum that broadens their perspectives, teaches essential skills, and introduces various fields of knowledge. This foundational coursework prepares students to be responsible, productive citizens, and potential leaders while also allowing them to explore different career paths.

## ESSENTIAL LEARNING OUTCOMES

Students fulfill general education requirements at Eastern Arizona College by demonstrating competency of these Essential Learning Outcomes (ELO): Communication, Creativity, Critical Thinking, Diverse and Global Perspectives, and Technology and Information Literacy. The ELOs listed below describe the expected knowledge, skills, attitudes, competencies, and habits of mind that students will have acquired at EAC upon completion of a degree.

- **Communication:** Students, using reading, writing and/or speaking skills, discover, organize, and communicate information, ideas, and arguments in an ethical, clear, and effective manner appropriate to the audience and purpose.
- **Creativity:** Students demonstrate the ability to: analyze, evaluate, and reflect on subjective experiences; propose innovative solutions to technical, scientific, social, or individual problems; and/or produce artifacts of self-expression.
- **Critical Thinking:** Students use intellectual skills and habits to become independent and dynamic thinkers who are capable of innovation, adaptation, and ethical problem-solving.
- **Diverse and Global Perspectives:** Students demonstrate an understanding and application of the interdependent roles of historical, cultural, socio-economic, geographic, and ecological influences on the diversity of human experience.
- **Technology and Information Literacy:** Students recognize that information is needed, and they use both traditional and modern technologies to ethically and effectively locate, evaluate, manage, and apply the needed information.

## ARIZONA GENERAL EDUCATION CURRICULUM (AGEC)

Eastern Arizona College has established Associate degree programs that satisfy the AGECE. It is in a student's best interest to complete the AGECE at EAC before transferring to an Arizona university. When a student has completed the AGECE, EAC will certify this on the student's academic transcript. Completing an AGECE at EAC fulfills the lower division, General Education requirements of the corresponding baccalaureate degree at each of the three state universities. Should a student elect not to complete the AGECE certificate at EAC, their courses will not be packaged together as the AGECE certificate but will be evaluated on a course-by-course basis by the university to which the student transfers. Courses completed and transferred in from another college or university may be used to satisfy the AGECE.

Some majors, particularly in the professional fields, have significant prerequisites and/or program requirements that will not transfer within the General Education program described above. If a student has selected a major that is not listed in the EAC catalog, or one that is listed as a Transfer Guide-Extra Requirements (TG-XR) degree, they should carefully consult the catalog and/or curriculum transfer guide (located at [www.aztransfer.com](http://www.aztransfer.com)) of the university to which they plan to transfer and the Course Equivalency Guide (<https://aztransmac2.asu.edu/cgi-bin/WebObjects/ATASS.wao/wa/SUNMatrix>) before registering for GE courses. Obtaining assistance in this process from an advisor at the university to which the student plans to transfer is strongly recommended. EAC faculty advisors and academic advisors can also assist.

Students must meet the General Education requirements by selecting appropriate courses from the required six AGECE category areas. In some cases, a degree program may require a student select specific courses rather than choose from the list of approved GE courses. Required courses for each EAC curricula are listed in the curriculum section of the catalog under the heading General Education Requirements.

Students are required to take a total of 32 to 35 credits from the six AGECE categories. The categories and required credit ranges are as follows:

1. Written and Oral Communication (6-10 credits - the first 6 must be ENG 101 and 102; additional credits can be in communication studies or languages)
2. Arts and Humanities (6-9 credits)
3. Institutions of the Americas (3 credits)
4. Natural Sciences (4-8 credits)
5. Quantitative Reasoning (3-4 credits)
6. Social and Behavioral Sciences (6-9 credits)

### GENERAL EDUCATION

## GENERAL EDUCATION (AAS DEGREES)

GENERAL EDUCATION (AAS DEGREES)

## GENERAL EDUCATION REQUIREMENTS FOR ASSOCIATE OF APPLIED SCIENCE (AAS) DEGREE

General education (GE) at Eastern Arizona College for an Associate of Applied Science Degree is based on the same philosophy as for transfer degrees. It exposes students to a pattern of course work which broadens their perspectives and gives "every student pursuing an undergraduate degree the basic skills and the familiarity with various branches of knowledge which are associated with college and university education and are useful in advanced study within the university and in life beyond the university" (State of Arizona General Education Values Statement, 1993).

For an Associate of Applied Science degree, students will choose a minimum of 15 credits from at least three different GE categories. Students may not exceed nine credits in any GE category, with the exception of Health and Physical Education, where the maximum is two credits.

**COURSE OPTIONS (AAS Degrees)**

**GE Category**

**Arts and Humanities**

ART133 WORLD ART I	ENG201 WORLD LITERATURE I	ENG221 ENGLISH LITERATURE I	ENG242 AMERICAN LITERATURE II	MDC115 CINEMATIC STORYTELLING	MUS101 WORLD OF MUSIC
ART134 World Art II	ENG202 World Literature II	ENG222 English Literature II	ENG280 Introduction to Literature	MDC200 Film History	SSE184 Introductory Ethics: A Social Services Perspective
ECE281 Childrens Literature	ENG218 Writing About Literature	ENG241 American Literature I	MDC100 Introduction to Film Studies	MDC220 Principles of Filmmaking	THC105 Introduction to Theatre

**Computers**

CMP101 INTRODUCTION TO COMPUTERS	CMP103 INTRODUCTION TO COMPUTER BASED SYSTEMS	CMP121 VISUAL BASIC PROGRAMMING I	CMP128 C# PROGRAMMING I		
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**Health and Physical Education**

DAN103 BEGINNING BALLROOM DANCE I	DAN120 BEGINNING MODERN DANCE I	DAN132 BEGINNING BALLET I	DAN145 TRADITIONAL SAMOAN SIVA DANCE I	HPE104 PHYSICAL CONDITIONING AND ASSESSMENT I	HPE205 PHYSICAL CONDITIONING AND ASSESSMENT IV
DAN104 Beginning Ballroom Dance II	DAN121 Beginning Modern Dance II	DAN133 Beginning Ballet II	DAN146 Traditional Samoan Siva Dance II	HPE105 Physical Conditioning and Assessment II	
DAN110 Beginning Folk Dance I	DAN122 Beginning Jazz Dance I	DAN141 Traditional Hawaiian Dance I	DAN150 Beginning Theatre Dance I	HPE170 Lifeguard Training	
DAN111 Beginning Folk Dance II	DAN123 Beginning Jazz Dance II	DAN142 Traditional Hawaiian Dance II	DAN151 Beginning Theatre Dance II	HPE204 Physical Conditioning and Assessment III	

**Institutions of the Americas**

BUA221 PRINCIPLES OF MACROECONOMICS	BUA245 LEGAL ENVIRONMENT OF BUSINESS	HIS101 U.S. HISTORY TO 1877	HIS102 U.S. HISTORY SINCE 1865	HIS221 Mexican American History and Culture	POS110 United States National Politics
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**Natural Sciences**

AGR111 PRINCIPLES OF PLANT SCIENCE	BIO181 GENERAL BIOLOGY I	BIO295 UNDERGRADUATE BIOLOGICAL RESEARCH	CHM236 GENERAL ORGANIC CHEMISTRY II	GLG118 GEOLOGY OF ARIZONA
AGR135 Conservation and Natural Resources	BIO182 General Biology II	CHM130 Fundamental Chemistry	ENV101 Environmental Science	PHY107 Physical Concepts
AST103 Introduction to Astronomy	BIO201 Human Anatomy and Physiology I	CHM138 An Introduction to General, Organic, and Biological Chemistry	FOR101 Introduction to Forestry	PHY111 General Physics I
BIO100 Biology Concepts	BIO202 Human Anatomy and Physiology II	CHM151 General Chemistry I	GLG101 Physical Geology	PHY112 General Physics II
BIO105 Environmental Biology	BIO205 Microbiology	CHM152 General Chemistry II	GLG102 Historical Geology	PHY211 Physics with Calculus I
BIO160 Introduction to Human Anatomy and Physiology	BIO226 Ecology	CHM235 General Organic Chemistry I	GLG110 Geologic Hazards and Disasters	PHY212 Physics with Calculus II

**Quantitative Reasoning**

BUA220 BUSINESS STATISTICS	MAT140 COLLEGE MATHEMATICS	MAT210 ELEMENTS OF CALCULUS	MAT241 CALCULUS III
BUS111 Business Mathematical Calculations	MAT151 Precalculus Algebra	MAT221 Calculus I	MAT261 Differential Equations
MAT100 Applied Mathematics	MAT160 Introduction to Statistics	MAT225 Elementary Linear Algebra	PSY220 Introduction to Statistics
MAT121 Intermediate Algebra	MAT181 Precalculus Trigonometry	MAT231 Calculus II	

**Social and Behavioral Sciences**

AJS101 INTRODUCTION TO CRIMINAL JUSTICE	ECE171 CHILD GROWTH AND DEVELOPMENT	HIS105 MODERN EUROPE SINCE 1550	POS120 WORLD POLITICS	PSY270 EXPERIMENTAL PSYCHOLOGY
AJS225 Criminology	EDU200 Introduction to Education	HIS111 History of China to 1600	PSY101 Introduction to Psychology	SOC101 Introduction to Sociology
BUA210 Society and Business	HHP100 Personal Health	HIS112 History of China 1600 to Present	PSY171 Child Growth and Development	SOC110 Marriage and the Family
BUA221 Principles of Macroeconomics	HIS101 U.S. History to 1877	HIS221 Mexican American History and Culture	PSY230 Social Psychology	SOC201 Social Problems
BUA223 Principles of Microeconomics	HIS102 U.S. History Since 1865	MDC102 Introduction to Media Communications	PSY240 Abnormal Psychology	SOC210 Racial and Ethnic Relations
BUS251 Human Relations	HIS104 The Development of Europe to 1650	POS110 United States National Politics	PSY250 Developmental Psychology	SSE110 Introduction to Social Work
COM260 Elements of Intercultural Communication				

**Written and Oral Communications**

ASL101 BEGINNING AMERICAN SIGN LANGUAGE I	ENG102 WRITTEN COMMUNICATIONS II	COM115 INTRODUCTION TO INTERPERSONAL COMMUNICATION	FRE102 ELEMENTARY FRENCH II	SPA102 ELEMENTARY SPANISH II
ASL102 Beginning American Sign Language II	ENG217 Writing Reflective Essays	COM201 Public Speaking	FRE201 Intermediate French I	SPA201 Intermediate Spanish I
ENG100 Writing Fundamentals	BUA259 Business Communications	COM260 Elements of Intercultural Communication	FRE202 Intermediate French II	SPA202 Intermediate Spanish II
ENG101 Written Communications I	COM100 Introduction to Human Communication	FRE101 Elementary French I	SPA101 Elementary Spanish I	

**GENERAL EDUCATION**

## GENERAL EDUCATION (TRANSFER DEGREES)

The four transfer degrees EAC students can earn are:

- Associate of Arts (AA)
- Associate of Business (ABus)
- Associate of General Studies (AGS)
- Associate of Science (AS)

If a student selects a major not listed in the EAC catalog, they should:

- Consult the catalog or curriculum transfer guide of the university to which they plan to transfer (available at [www.aztransfer.com](http://www.aztransfer.com))
- Seek assistance from advisors at the transfer university for personalized guidance.

### Meeting General Education Requirements:

- Students must choose appropriate courses from the required program areas to meet the General Education requirements. See list under the General Education Transfer Degrees tab at the top)
- Some degree programs may require specific courses rather than allowing a choice from the approved GE courses.

## COURSE OPTIONS (Transfer Degree)

### GE Category

#### Arts and Humanities

ART133 WORLD ART I	ENG201 WORLD LITERATURE I	ENG221 ENGLISH LITERATURE I	ENG242 AMERICAN LITERATURE II	MDC115 CINEMATIC STORYTELLING	MUS101 WORLD OF MUSIC
ART134 World Art II	ENG202 World Literature II	ENG222 English Literature II	ENG280 Introduction to Literature	MDC200 Film History	SSE184 Introductory Ethics: A Social Services Perspective
ECE281 Childrens Literature	ENG218 Writing About Literature	ENG241 American Literature I	MDC100 Introduction to Film Studies	MDC220 Principles of Filmmaking	THC105 Introduction to Theatre

#### Institutions of the Americas

BUA221 PRINCIPLES OF MACROECONOMICS	BUA245 LEGAL ENVIRONMENT OF BUSINESS	HIS101 U.S. HISTORY TO 1877	HIS102 U.S. HISTORY SINCE 1865	HIS221 MEXICAN AMERICAN HISTORY AND CULTURE	POS110 United States National Politics
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#### Natural Sciences

AGR111 PRINCIPLES OF PLANT SCIENCE	BIO181 GENERAL BIOLOGY I	BIO295 UNDERGRADUATE BIOLOGICAL RESEARCH	CHM236 GENERAL ORGANIC CHEMISTRY II	GLG118 GEOLOGY OF ARIZONA
AGR135 Conservation and Natural Resources	BIO182 General Biology II	CHM130 Fundamental Chemistry	ENV101 Environmental Science	PHY107 Physical Concepts
AST103 Introduction to Astronomy	BIO201 Human Anatomy and Physiology I	CHM138 An Introduction to General, Organic, and Biological Chemistry	FOR101 Introduction to Forestry	PHY111 General Physics I
BIO100 Biology Concepts	BIO202 Human Anatomy and Physiology II	CHM151 General Chemistry I	GLG101 Physical Geology	PHY112 General Physics II
BIO105 Environmental Biology	BIO205 Microbiology	CHM152 General Chemistry II	GLG102 Historical Geology	PHY211 Physics with Calculus I
BIO160 Introduction to Human Anatomy and Physiology	BIO226 Ecology	CHM235 General Organic Chemistry I	GLG110 Geologic Hazards and Disasters	PHY212 Physics with Calculus II

#### Quantitative Reasoning

BUA220 BUSINESS STATISTICS	MAT160 INTRODUCTION TO STATISTICS	MAT221 CALCULUS I	MAT241 CALCULUS III
MAT140 College Mathematics	MAT181 Precalculus Trigonometry	MAT225 Elementary Linear Algebra	MAT261 Differential Equations
MAT151 Precalculus Algebra	MAT210 Elements of Calculus	MAT231 Calculus II	PSY220 Introduction to Statistics

#### Social and Behavioral Sciences

AJS101 INTRODUCTION TO CRIMINAL JUSTICE	COM201 PUBLIC SPEAKING	HHP100 PERSONAL HEALTH	HIS112 HISTORY OF CHINA 1600 TO PRESENT	PSY171 CHILD GROWTH AND DEVELOPMENT	SOC110 MARRIAGE AND THE FAMILY
AJS225 Criminology	COM260 Elements of Intercultural Communication	HIS101 U.S. History to 1877	HIS221 Mexican American History and Culture	PSY230 Social Psychology	SOC201 Social Problems
BUA210 Society and Business	COM271 Teamwork and Leadership	HIS102 U.S. History Since 1865	MDC102 Introduction to Media Communications	PSY240 Abnormal Psychology	SOC210 Racial and Ethnic Relations
BUA221 Principles of Macroeconomics	ECE171 Child Growth and Development	HIS104 The Development of Europe to 1650	POS110 United States National Politics	PSY250 Developmental Psychology	SSE110 Introduction to Social Work
BUA223 Principles of Microeconomics	EDU200 Introduction to Education	HIS105 Modern Europe Since 1550	POS120 World Politics	PSY270 Experimental Psychology	
COM115 Introduction to Interpersonal Communication		HIS111 History of China to 1600	PSY101 Introduction to Psychology	SOC101 Introduction to Sociology	

#### Written and Oral Communications

ASL101 BEGINNING AMERICAN SIGN LANGUAGE I	COM115 INTRODUCTION TO INTERPERSONAL COMMUNICATION	FRE101 ELEMENTARY FRENCH I	SPA101 ELEMENTARY SPANISH I		
ASL102 Beginning American Sign Language II	COM201 Public Speaking	FRE102 Elementary French II	SPA102 Elementary Spanish II		
ENG101 Written Communications I	COM215 Interviewing Principles and Practices	FRE201 Intermediate French I	SPA201 Intermediate Spanish I		
ENG102 Written Communications II	COM260 Elements of Intercultural Communication	FRE202 Intermediate French II	SPA202 Intermediate Spanish II		

## ELECTIVE or BETTER COURSES for TRANSFER DEGREES

The following courses are elective or better as of the print date of this catalog. Students can check the Arizona Higher Education Course Equivalency Guide (CEG) located at <https://aztransmac2.asu.edu/cgi-bin/WebObjects/CEG> for the most current information.

If a student plans to transfer to any university other than the three Arizona state universities, they should consult with an advisor from that school to make selections.

Elective or Better Courses

AGR102 ANIMAL INDUSTRY	AGR111 PRINCIPLES OF PLANT SCIENCE	AGR135 CONSERVATION AND NATURAL RESOURCES	AGR200 SOIL SCIENCE	AGR285 ESTABLISHING AND RUNNING AN AGRIBUSINESS	AGR297 WORKSHOP	AJS101 INTRODUCTION TO CRIMINAL JUSTICE	AJS126 THE JUVENILE FUNCTION	AJS130 THE CORRECTION FUNCTION	AJS202 SUBSTANTIVE CRIMINAL LAW	AJS220 PROCEDURAL CRIMINAL LAW	AJS225 CRIMINOLOGY
AJS254 Crime Control	AJS266 The Police Function	AJS282 Police Supervision	ART101 Fundamentals of Design	ART102 Color and Design	ART104 3D Design	ART111 Drawing	ART114 Figure Drawing for Art Majors	ART128 Beginning Digital Photography	ART133 World Art I	ART134 World Art II	ART141 Mixed Media Techniques in Contemporary Painting
ART143 Beginning Acrylic Painting I	ART144 Beginning Acrylic Painting II	ART145 Beginning Watercolor I	ART146 Beginning Watercolor II	ART147 Beginning Oil Painting I	ART148 Beginning Oil Painting II	ART151 Beginning Sculpture I	ART152 Beginning Sculpture II	ART161 Beginning Ceramics I	ART162 Beginning Ceramics II	ART172 Beginning Crafts II	ART173 Beginning Jewelry I
ART174 Beginning Jewelry II	ART176 Beginning Gem Faceting I	ART177 Beginning Gem Faceting II	ART178 Beginning Lapidary I	ART179 Beginning Lapidary II	ART181 Graphic Design I	ART182 Graphic Design II	ART186 Digital Illustration	ART187 Beginning Photoshop	ART188 Digital Publishing	ART189 Typography	ART190 Beginning Fibers I
ART191 Beginning Fibers II	ART216 Illustration I	ART217 Illustration II	ART228 Intermediate Digital Photography	ART243 Intermediate Acrylic Painting I	ART244 Intermediate ACRYLIC PAINTING II	ART245 Intermediate Watercolor I	ART246 Intermediate Watercolor II	ART247 Intermediate Oil Painting I	ART248 Intermediate Oil Painting II	ART251 Intermediate Sculpture I	ART252 Intermediate Sculpture II
ART261 Intermediate Ceramics I	ART262 Intermediate Ceramics II	ART263 Firing Techniques I	ART264 Firing Techniques II	ART271 Intermediate Crafts I	ART271A Intermediate Crafts I Toile Painting	ART272 Intermediate Crafts II	ART273 Intermediate Jewelry I	ART274 Intermediate Jewelry II	ART276 Intermediate Gem Faceting I	ART277 Intermediate Gem Faceting II	ART278 Intermediate Lapidary I
ART279 Intermediate Lapidary II	ART285 Printmaking	ART287 Advanced Photoshop	ART289 Portfolio Development	ART290 Intermediate Fibers I	ART291 Intermediate Fibers II	ART297 Workshop	ART298 Workshop	ART299 Independent Study	ASL101 Beginning American Sign Language I	ASL102 Beginning American Sign Language II	AST103 Introduction to Astronomy
BIO100 Biology Concepts	BIO101B Birds of the Gila Valley	BIO105 Environmental Biology	BIO160 Introduction to Human Anatomy and Physiology	BIO181 General Biology I	BIO182 General Biology II	BIO201 Human Anatomy and Physiology I	BIO202 Human Anatomy and Physiology II	BIO205 Microbiology	BIO226 Ecology	BIO235 GIS Tools in Forestry and the Environment	BIO295 Undergraduate Biological Research
BIO298 Workshop	BIO299 Independent Study	BUA101 Introduction to Business	BUA150 Introduction to Project Management	BUA151 Scheduling and Cost Estimating	BUA160 Medical Law and Ethics	BUA200 Introduction to Organizational Leadership	BUA210 Society and Business	BUA220 Business Statistics	BUA221 Principles of Macroeconomics	BUA223 Principles of Microeconomics	
BUA233 Uses of Accounting Information I	BUA243 Uses of Accounting Information II	BUA245 Legal Environment of Business	BUA259 Business Communications	BUA289 Business Capstone	BUA297 Workshop	BUA298 Workshop	BUA299 Independent Study	BUS122 Managing Personal Finances	BUS171 International Business	BUS205 Accounting with QuickBooks	BUS211 Retail Management
BUS214 Contemporary Sports Management	BUS221 Human Resource Management	BUS251 Human Relations	BUS261 Fundamentals of Investing	BUS297 Workshop	BUS298 Workshop	BUS299 Independent Study					
CHM130 Fundamental Chemistry	CHM138 An Introduction to General, Organic, and Biological Chemistry	CHM151 General Chemistry I	CHM152 General Chemistry II	CHM235 General Organic Chemistry I	CHM236 General Organic Chemistry II	CHM298 Workshop	CHM299 Independent Study	CIS170 Working in Technology	CIS180 IT Fundamentals	CIS220 Hacking Forensic Investigator	CIS225 Network Defender
CIS235 Ethical Hacker I	CIS236 Ethical Hacker II	CMP103 Introduction to Computer Based Systems	CMP109 Intermediate Principles of IT	CMP124 Computer Programming I	CMP126 Java Programming I	CMP128 C# Programming I	CMP161 Electronic Spreadsheet with Microsoft Excel	CMP201 Systems and Procedures	CMP280 Database Design and Development	CMP284 Ethical Hacker I	CMP297 Workshop
CMP298 Workshop	COM100 Introduction to Human Communication	COM115 Introduction to Interpersonal Communication	COM200 Basic Communication Theory	COM201 Public Speaking	COM205 Survey of Communication Research	COM215 Interviewing Principles and Practices	COM250 Introduction to Public Relations	COM260 Elements of Intercultural Communication	COM271 Teamwork and Leadership	COM298 Workshop	COM299 Independent Study
CSL103 Leadership Techniques I	CSL111 Leadership for Organizational Development	CSL114 Leadership Techniques II									
DAN103 Beginning Ballroom Dance I	DAN104 Beginning Ballroom Dance II	DAN110 Beginning Folk Dance I	DAN111 Beginning Folk Dance II	DAN120 Beginning Modern Dance I	DAN121 Beginning Modern Dance II	DAN122 Beginning Jazz Dance I	DAN123 Beginning Jazz Dance II	DAN132 Beginning Ballet I	DAN133 Beginning Ballet II	DAN141 Traditional Hawaiian Dance I	DAN142 Traditional Hawaiian Dance II
DAN145 Traditional Samoan Siva Dance I	DAN146 Traditional Samoan Siva Dance II	DAN150 Beginning Theatre Dance I	DAN151 Beginning Theatre Dance II	DAN203 Intermediate Ballroom Dance I	DAN204 Intermediate Ballroom Dance II	DAN210 Intermediate Folk Dance I	DAN211 Intermediate Folk Dance II	DAN222 Intermediate Jazz Dance I	DAN223 Intermediate Jazz Dance II	DAN232 Intermediate Ballet I	DAN233 Intermediate Ballet II
DAN240 Dance Repertory	DAN250 Intermediate Theatre Dance I	DAN251 Intermediate Theatre Dance II	DAN299 Independent Study	DRE154 Introduction to AutoCAD	DRE271 Advanced AutoCAD						

ECE100 Foundations of Early Childhood Education	ECE105 Health, Safety, and Nutrition	ECE110 Infants and Toddlers Development	ECE120 Guiding Childrens Social Development	ECE171 Child Growth and Development	ECE210 Home, School, and Community Relations	ECE220 Introduction to Early Childhood Special Education	ECE240 Child Development Portfolio and Assessment Preparation	ECE281 Childrens Literature	EDU200 Introduction to Education	EDU222 Introduction to Special Education	EDU230 Cultural Diversity in Education
EDU234 Elementary ESL/ SEI Methods	EDU236 Secondary ESL/ SEI Methods	EGR102 Introduction to Engineering	EGR150 Digital Design Fundamentals	EGR200 Introduction to Mining Engineering	EGR214 Engineering Mechanics I Statics	EGR215 Engineering Mechanics II Dynamics	EGR220 Circuits I	EGR233 Mechanics of Materials	EGR250 Plane Surveying	EGR255 Thermodynamics	EGR296A Mineral Resource Engineering Seminar
EMT122 First Aid and CPR	ENG101 Written Communications I	ENG102 Written Communications II	ENG131 Introduction to Creative Writing	ENG143 Personal History Writing Made Easy	ENG201 World Literature I	ENG202 World Literature II	ENG217 Writing Reflective Essays	ENG218 Writing About Literature	ENG221 English Literature I	ENG222 English Literature II	ENG230 Publications I
ENG231 Publications II	ENG232 Poetry Writing	ENG233 Advanced Poetry Writing	ENG234 Short Story Writing	ENG241 American Literature I	ENG242 American Literature II	ENG243 Introduction to Writing Family History	ENG280 Introduction to Literature	ENG298 Workshop	ENG298A - Missing course	ENG299 Independent Study	
FCR297 Workshop	FCR299 Independent Study	FRE101 Elementary French I	FRE102 Elementary French II	FRE201 Intermediate French I	FRE202 Intermediate French II	FRE261 French Conversation and Composition I	FRE262 French Conversation and Composition II	FRE298 Workshop	FRE299 Independent Study		
GCU121 World Geography Eastern Hemisphere I	GCU122 World Geography II: Western Hemisphere	GLG101 Physical Geology	GLG102 Historical Geology	GLG110 Geologic Hazards and Disasters	GLG118 Geology of Arizona	GLG298 Workshop	GLG299 Independent Study				
HCE156 Science for Allied Health	HCE240 Human Pathophysiology	HCE241 Nutrition	HHP100 Personal Health	HHP107 Personal Training	HHP200 Introduction to Health Advocacy	HHP210 Introduction to Exercise Science and Physical Education	HHP213 Introduction to Strength and Conditioning for Sport Performance	HHP214 Contemporary Sports Management	HHP270 Introduction to Sports Medicine	HHP274 Sports Nutrition	HHP276 Sports Psychology
HHP278 Kinetic Anatomy	HHP292 Athletic Training Practicum I	HHP293 Athletic Training Practicum II	HHP294 Athletic Training Practicum III	HHP295 Athletic Training Practicum IV	HIS101 U.S. History to 1877	HIS102 U.S. History Since 1865	HIS104 The Development of Europe to 1650	HIS105 Modern Europe Since 1550	HIS221 Mexican American History and Culture	HIS221 Mexican American History and Culture	
HIS298 Workshop	HIS299 Independent Study	HOR225 PEST/ FERT USE&SAFETY	HPE101AA Beginning Baseball I	HPE101AB Beginning Varsity Baseball I	HPE101AC Beginning Basketball I	HPE101AE Beginning Varsity Softball I	HPE101AF Beginning Varsity Volleyball I	HPE101AG Beginning Varsity Basketball I	HPE101AH Beginning Mountain Bike Riding I	HPE101AJ Beginning Aerobics I	HPE101AL Beginning Tai Chi Ch'uan I
HPE101AM Beginning Varsity Golf I	HPE101AN Beginning Varsity Tennis I	HPE101AO Beginning Physioball I	HPE101AP Pilates for Fun and Fitness I	HPE101AU Beginning Mixed Martial Arts I	HPE101AY Beginning Hatha Yoga I	HPE101AZ Beginning Chi Gong I	HPE101BA Beginning Swim Aerobics I	HPE101BB Beginning Strength and Flexibility Training I	HPE101BC Beginning Power Walking I	HPE101BD Beginning Softball I	HPE101C Beginning Body Conditioning I
HPE101G Beginning Golf I	HPE101H Beginning Hiking I	HPE101N Beginning Cheerleading I	HPE101Q Beginning Swimming I	HPE101SA Beginning Soccer I	HPE101SB Beginning Varsity Soccer I	HPE101X Beginning Volleyball I	HPE101Y Beginning Weights I	HPE102AA Beginning Baseball II	HPE102AB Beginning Varsity Baseball II	HPE102AC Beginning Basketball II	HPE102AE Beginning Varsity Softball II
HPE102AF Beginning Varsity Volleyball II	HPE102AG Beginning Varsity Basketball II	HPE102AJ Beginning Aerobics II	HPE102AL Beginning Tai Chi Ch'uan II	HPE102AM Beginning Varsity Golf II	HPE102AN Beginning Varsity Tennis II	HPE102AO Beginning Physioball II	HPE102AP Pilates for Fun and Fitness II	HPE102AY Beginning Hatha Yoga II	HPE102AZ Beginning Chi Gong II	HPE102BA Beginning Swim Aerobics II	HPE102BB Beginning Strength and Flexibility Training II
HPE102BC Beginning Power Walking II	HPE102BD Beginning Softball II	HPE102C Beginning Body Conditioning II	HPE102G Beginning Golf II	HPE102H Beginning Hiking II	HPE102N Beginning Cheerleading II	HPE102Q Beginning Swimming II	HPE102SA Beginning Soccer II	HPE102SB Beginning Varsity Soccer II	HPE102X Beginning Volleyball II	HPE102Y Beginning Weights II	HPE104 Physical Conditioning and Assessment I
HPE105 Physical Conditioning and Assessment II	HPE170 Lifeguard Training	HPE190 First Aid and CPR	HPE201AA Advanced Baseball I	HPE201AB Advanced Varsity Baseball I	HPE201AC Advanced Basketball I	HPE201AE Advanced Varsity Softball I	HPE201AF Advanced Varsity Volleyball I	HPE201AG Advanced Varsity Basketball I	HPE201AJ Advanced Aerobics I	HPE201AM Advanced Varsity Golf I	HPE201AN Advanced Varsity Tennis I
HPE201AY Advanced Hatha Yoga I	HPE201AZ Advanced Chi Gong I	HPE201BA Advanced Swim Aerobics I	HPE201BB Advanced Strength and Flexibility Training I	HPE201BC Advanced Power Walking I	HPE201BD Advanced Softball I	HPE201C Advanced Body Conditioning I	HPE201G Advanced Golf I	HPE201N Advanced Cheerleading I	HPE201Q Advanced Swimming I	HPE201SA Advanced Soccer I	HPE201SB Advanced Varsity Soccer I
HPE201X Advanced Volleyball I	HPE201Y Advanced Weights I	HPE202AA Advanced Baseball II	HPE202AB Advanced Varsity Baseball II	HPE202AC Advanced Basketball II	HPE202AE Advanced Varsity Softball II	HPE202AF Advanced Varsity Volleyball II	HPE202AG Advanced Varsity Basketball II	HPE202AJ Advanced Aerobics II	HPE202AM Advanced Varsity Golf II	HPE202AN Advanced Varsity Tennis II	HPE202AY Advanced Hatha Yoga II
HPE202AZ Advanced Chi Gong II	HPE202BA Advanced Swim Aerobics II	HPE202BB Advanced Strength and Flexibility Training II	HPE202BC Advanced Power Walking II	HPE202BD Advanced Softball II	HPE202C Advanced Body Conditioning II	HPE202G Advanced Golf II	HPE202N Advanced Cheerleading II	HPE202Q Advanced Swimming II	HPE202X Advanced Volleyball II	HPE202Y Advanced Weights II	HPE204 Physical Conditioning and Assessment III

HPE205 Physical Conditioning and Assessment IV	HPE262A Officiating: Volleyball	HPE262B Officiating: Basketball	HPE262C Officiating: Baseball/ Softball	HPE280 Introduction to Leadership III	HPE298 Workshop	HPE299 Independent Study					
MAT140 College Mathematics	MAT151 Precalculus Algebra	MAT156 Principles of Mathematics I	MAT157 Principles of Mathematics II	MAT160 Introduction to Statistics	MAT181 Precalculus Trigonometry	MAT210 Elements of Calculus	MAT221 Calculus I	MAT225 Elementary Linear Algebra	MAT231 Calculus II	MAT241 Calculus III	MAT261 Differential Equations
MAT298 Workshop	MAT299 Independent Study	MDC100 Introduction to Film Studies	MDC102 Introduction to Media Communications	MDC109 Media Production Process	MDC115 Cinematic Storytelling	MDC150 Video Production	MDC162 Audio Recording Techniques for Voice Actors	MDC168 Audio for Studio and Sound Reinforcement	MDC180 Video Editing I	MDC200 Film History	MDC212 Writing the Screenplay
MDC220 Principles of Filmmaking	MDC250 Documentary Video Production	MDC252 Sports Production I	MDC253 Sports Production II	MDC254 Cinema Style Video Production	MDC280 Video Editing II	MDC290 Media Communications Capstone Project	MUS101 World of Music	MUS102 Music Fundamentals	MUS105 Music Theory I	MUS106 Music Theory II	MUS107 Aural Perception I
MUS108 Aural Perception II	MUS111 Marching Band I	MUS111B Marching Percussion I	MUS117 Class Instruction in Brass I	MUS118 Class Instruction in Brass II	MUS119 Class Instruction in Woodwinds I	MUS120 Class Instruction in Woodwinds II	MUS121 Class Instruction in Percussion I	MUS123 Class Instruction in Strings I	MUS124 Class Instruction in Strings II	MUS125 Jazz Ensemble I	MUS126 Jazz Ensemble II
MUS127 Tenor Bass Choir I	MUS128 Tenor Bass Choir II	MUS129 Soprano Alto Choir I	MUS130 Soprano Alto Choir II	MUS133 Symphonic Choir I	MUS134 Symphonic Choir II	MUS135 Vocal Show Ensemble I	MUS136 A Cappella Choir I	MUS137 A Cappella Choir II	MUS139 Vocal Show Ensemble II	MUS140 Chamber Ensemble I	MUS141 Chamber Ensemble II
MUS142 Wind Ensemble I	MUS143 Wind Ensemble II	MUS151 Symphony Orchestra I	MUS152 Symphony Orchestra II	MUS153 Beginning Guitar	MUS155 Class Piano I for Music Majors	MUS156 Class Piano II for Music Majors	MUS157 Chamber Orchestra I	MUS158 Chamber Orchestra II	MUS161 Private Voice II	MUS162 Private Voice III	MUS163 Jazz Theory and Improvisation I
MUS165 Class Piano for Non-Music Majors	MUS171 Private Piano II	MUS172 Private Piano III	MUS181 Private Instruments II	MUS182 Private Instruments III	MUS183 Private Strings II	MUS184 Private Strings III	MUS190 Vocal Jazz Ensemble I	MUS191 Vocal Jazz Ensemble II	MUS203 Music Notation/ Finale	MUS204 Elements of Conducting	MUS205 Music Theory III
MUS206 Music Theory IV	MUS211 Marching Band II	MUS211B Marching Percussion II	MUS212 Aural Perception III	MUS213 Aural Perception IV	MUS225 Jazz Ensemble III	MUS226 Jazz Ensemble IV	MUS227 Tenor Bass Choir III	MUS228 Tenor Bass Choir IV	MUS229 Soprano Alto Choir III	MUS230 Soprano Alto Choir IV	MUS233 Symphonic Choir III
MUS234 Symphonic Choir IV	MUS235 Vocal Show Ensemble III	MUS236 A Cappella Choir III	MUS237 A Cappella Choir IV	MUS239 Vocal Show Ensemble IV	MUS240 Chamber Ensemble III	MUS241 Chamber Ensemble IV	MUS242 Wind Ensemble III	MUS243 Wind Ensemble IV	MUS251 Symphony Orchestra III	MUS252 Symphony Orchestra IV	MUS255 Class Piano III for Music Majors
MUS256 Class Piano IV for Music Majors	MUS257 Chamber Orchestra III	MUS258 Chamber Orchestra IV	MUS261 Private Voice IV	MUS262 Private Voice V	MUS271 Private Piano IV	MUS272 Private Piano V	MUS281 Private Instruments IV	MUS282 Private Instruments V	MUS283 Private Strings IV	MUS284 Private Strings V	MUS290 Vocal Jazz Ensemble III
MUS291 Vocal Jazz Ensemble IV	MUS292 Diction for Singers I	MUS293 Diction for Singers II	MUS298 Workshop	MUS299 Independent Study							
NUR250 Nursing Four											
PHY107 Physical Concepts	PHY111 General Physics I	PHY112 General Physics II	PHY211 Physics with Calculus I	PHY212 Physics with Calculus II	POS110 United States National Politics	POS120 World Politics	POS221 Arizona Constitution and Government	POS298 Workshop	POS299 Independent Study		
PSY101 Introduction to Psychology	PSY171 Child Growth and Development	PSY220 Introduction to Statistics	PSY230 Social Psychology	PSY240 Abnormal Psychology	PSY250 Developmental Psychology	PSY270 Experimental Psychology					
SBM110 Introduction to Entrepreneurship	SBM111 Marketing	SBM121 Supervision	SBM211 Financial Management	SBM221 Business Ethics	SBM297 Workshop	SBM298 Workshop	SBM299 Independent Study	SOC101 Introduction to Sociology	SOC110 Marriage and the Family	SOC201 Social Problems	SOC210 Racial and Ethnic Relations
SOC299 Independent Study	SPA101 Elementary Spanish I	SPA102 Elementary Spanish II	SPA201 Intermediate Spanish I	SPA202 Intermediate Spanish II	SPA261 Spanish Conversation and Composition I	SPA262 Spanish Conversation and Composition II	SPA298 Workshop	SPA299 Independent Study	SSE110 Introduction to Social Work	SSE121 Study of Substance Abuse	SSE184 Introductory Ethics: A Social Services Perspective
SSE205 Case Report Writing and Documentation											
TEC175 Introduction to Weatherization	THC105 Introduction to Theatre	THC110 Acting I	THC111 Acting II	THC112 Acting for Film	THC117 Voice and Diction for Theater	THC120 Rehearsal and Production I	THC121 Rehearsal and Production II	THC140 Costume Construction	THC141 Introduction to Costume Design	THC160 Repertory Acting Company I	THC161 Repertory Acting Company II
THC170 Introduction to Stage Lighting	THC171 Stage Combat	THC203 Principles of Dramatic Structure	THC205 Musical Theatre I	THC217 Introduction to Design Scenography	THC220 Rehearsal and Production III	THC221 Rehearsal and Production IV	THC230 Stage Makeup	THC231 Stagecraft	THC236 Introduction to Scene Design	THC261 Repertory Acting Company IV	THC290 Acting Workshop
THC298 Workshop	THC299 Independent Study										

## SCHOLARSHIPS

Scholarships are primarily awarded on the basis of academic excellence, performance in a particular area, or need. Both new and returning fulltime students can apply for scholarships.

To be considered for scholarships, students must complete a scholarship application and current FAFSA application. Scholarship applications are submitted electronically and can be found on the public website or the students MYEAC account (My Financial Aid > Scholarships). Priority Application deadlines are December 31 and March 1. In order for a scholarship application to be considered complete, the following additional materials are also required:

- **Official Transcript.** If you are a current high school student, a recent high school graduate without college experience or a transfer student from another college: Please send an official transcript to: Eastern Arizona College; Attn: Admissions and Registration Office; 615 N Stadium Avenue; Thatcher, AZ 85552. Official transcripts must come directly from the high school or previous college. For questions regarding official transcripts, please contact the Admissions and Registration Office at 928-428-8270. If you are a current EAC student: No transcript is required.
- **Two letters of recommendation.** Uploading PDF copies within the application itself is preferred.
- **Personal essay.** We recommend writing an essay in a separate document, then copy and paste into the essay section of the application. **Essay Directions:** Describe yourself and explain why you want to go to college and attend EAC. List any activities, clubs, service projects, sports, church, or community organizations in which you have participated. Describe what you see yourself doing in 5 - 10 years. Tell us a little more about your financial ability to pay for college. Financial situations are usually personal - only share as much information as you are comfortable. (1000 word maximum)

The Scholarship Officer has, as a matter of official policy, the right and obligation to discontinue any award made by or through the College upon receipt of verified evidence that a recipient of such an award has, either on the campus or in the community, demonstrated citizenship incompatible with standards of the College. This policy applies to all varieties of aid, as well as to academic, performing arts, athletic, or special scholarships.

## INSTITUTIONAL SCHOLARSHIP GUIDELINES

All Students receiving any type of scholarship funded by EAC are required to adhere to these general guidelines:

- Submit an annual FAFSA application.
- Maintain satisfactory academic progress.

Specific scholarship types may have additional scholarship criteria that can be confirmed by the Scholarship Officer.

**All-Academic Team Scholarship.** Two sophomore students who complete the All-USA Scholarship Application and are awarded the All-USA Scholarship are eligible for an additional scholarship from EAC based on Academic Team Standing. The Phi Theta Kappa nomination committee recommends students based on application materials. Student must be currently enrolled at EAC.

Must be eligible to graduate between September 1 of the year he/she is nominated and the following August.

International students in the U.S. on Student Visas are eligible to participate.

**Academic.** Amounts vary based on availability of funds and GPA.

**Athletic.** Awarded by the Athletic Department. You must be eligible to participate in intercollegiate athletics and maintain NJCAA academic standards. Individual coaches may make other requirements.

**Merit.** Amounts vary based on availability of funds and other qualifications including (but not limited to): GPA, Academic major, extra-curricular activities; Campus residency status, etc.

**Graham County Scholastic Recognition.** For new high school seniors graduating in the top 10 percent of a Graham County High School. Amounts vary based on availability of funds and other EAC scholarships received.

**Legacy Out-State Scholarship.** For new high school graduates from any US state outside of AZ, NM, TX and eligible WUE states. Candidates must be a child or grandchild of an EAC Alum. Based on the availability of funds. Up to the amount needed to bring the tuition balance to the equivalent of 150% of the in-state tuition rate.

**Music.** Awarded by the Music Department. Amounts vary based on availability of funds, audition, and participation.

**Presidential Scholarships.** Applicants must be residents of Apache or Greenlee counties. Amounts vary based on availability of funds.

**Theatre.** Awarded by the Theatre Department. Amounts vary based on availability of funds, audition, and participation.

## DONOR SCHOLARSHIPS AWARDED THROUGH THE EAC FOUNDATION AND THE COLLEGE

The scholarship application must be submitted as previously described by December 31st for priority consideration.

A listing of current scholarships at the EAC Foundation can be found at <https://ecalumni.org/scholarships>.

For additional information regarding scholarships, contact the Scholarship Office, Eastern Arizona College, Thatcher AZ 85552-0769; or call (928) 428-8272 or 1-800-678-3808 Ext 8272.

## All Programs

### Business, Associate of Applied Science

#### General

Degree Designation  
Associate of Applied Science

CIP Code  
52.9999

Advisor  
Michael Fox

Program Description  
This degree provides you with a general business background.

<b>Degree Map Name</b> Business AAS Degree		
<b>Total Degree Map Credits</b> 60		
<b>Degree Map Effective Catalog Year</b> -		
Additional information Students must complete one of the following Certificates (30 credits) first to complete for the Business AAS Degree :		
<ol style="list-style-type: none"> <li>30116 Business Office Assistant</li> <li>30118 Business Entrepreneurship</li> <li>30133 Business Management</li> </ol>		
<b>Year</b> Year 1	<b>Semester</b> Fall	<b>Actual Credits</b> 45
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>BUS251 - Human Relations</li> <li>AND CMP161 - Electronic Spreadsheet with Microsoft Excel</li> <li>AND BUA210 - Society and Business</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		9
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>Business Curriculum Related Requirements (AIS, BUA, BUS, COE, or SBM)</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Minor
<b>Actual Credits</b>		6
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>Business AAS Degree Certificates to Complete</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		30
<b>Year</b> Year 1	<b>Semester</b> Spring	<b>Actual Credits</b> 15
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>BUA221 - Principles of Macroeconomics</li> <li>AND BUA201 - Strategies for Career Preparation</li> <li>AND SBM111 - Marketing</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		9
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>Business Curriculum Related Requirements (AIS, BUA, BUS, COE, or SBM)</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Minor
<b>Actual Credits</b>		6
<b>Total General Education Credits</b>		<b>Core Curriculum Credits</b>
0		48
<b>Related Curriculum Credits</b>		<b>Total Elective Credits</b>
12		0

Degree Map/Curriculum (click on PDF link below)  
[20105 Business AAS.pdf](#)

## Computer Information Specialist, Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

CIP Code  
11.0401

Advisor  
Lydia Mata, James McBride, Brenin Angle

Program Description  
This Computer Aided Manufacturing (CAM) certificate program will focus on advanced manufacturing techniques such as 3D printing and CNC machining. Students will learn to safely and accurately operate and set up machining equipment. They will gain proficiency in using modern CAD/CAM software to design and produce precision parts.

Degree Map Name  
Applied Computer Science AAS  
Total Degree Map Credits  
60  
Degree Map Effective Catalog Year  
-

Year	Semester	Actual Credits
Year 1	Fall	15
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>CIS170 - Working in Technology</li> <li>AND CIS180 - IT Fundamentals</li> <li>AND CMP103 - Introduction to Computer Based Systems</li> <li>AND CMP124 - Computer Programming I</li> </ul>		
<b>Course Requirement Group</b>		
Area	Major	
Actual Credits	12	

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>20107 Applied Computer Science (Curriculum Related)</li> </ul>		
<b>Course Requirement Group</b>		
Area	Minor	
Actual Credits	3	

Year	Semester	Actual Credits
Year 1	Spring	15
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>CIS195 - Networking Systems I</li> <li>AND CMP128 - C# Programming I</li> </ul>		
<b>Course Requirement Group</b>		
Area	Major	
Actual Credits	6	

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>20107 Applied Computer Science (Curriculum Related)</li> </ul>		
<b>Course Requirement Group</b>		
Area	Minor	
Actual Credits	3	

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>ENG101 - Written Communications I</li> <li>AND BUS111 - Business Mathematical Calculations</li> <li>OR</li> <li>MAT100 - Applied Mathematics</li> </ul>		
<b>Course Requirement Group</b>		
Area	General Education	
Actual Credits	6	

Year	Semester	Actual Credits
Year 2	Fall	15
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>CIS190 - Operating Systems I</li> <li>AND CMP170 - Database Management with Microsoft Access</li> <li>AND CMP125 - Computer Programming II</li> <li>OR</li> <li>CMP129 - C# Programming II</li> </ul>		
<b>Course Requirement Group</b>		
Area	Major	
Actual Credits	9	

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>Elective (AAS)</li> </ul>		
<b>Course Requirement Group</b>		
Area	General Education	
Actual Credits	6	

Year	Semester	Actual Credits
Year 2	Spring	15

<b>Requirement Select</b>	
<ul style="list-style-type: none"> <li>CIS210 - Cyber Security Technician I</li> <li>AND CMP291 - CIS Practicum</li> </ul>	
<b>Course Requirement Group</b>	
Area	Major
Actual Credits	8

<b>Requirement Select</b>	
<ul style="list-style-type: none"> <li>ENG102 - Written Communications II</li> <li>OR</li> <li>BUA259 - Business Communications</li> </ul>	
<b>Course Requirement Group</b>	
Area	General Education
Actual Credits	3

<b>Requirement Select</b>	
<ul style="list-style-type: none"> <li>Elective (AAS)</li> </ul>	
<b>Course Requirement Group</b>	
Area	General Education
Actual Credits	3

<b>Requirement Select</b>	
<ul style="list-style-type: none"> <li>Elective or Better - <a href="http://www.aztransfer.com">www.aztransfer.com</a></li> </ul>	
<b>Course Requirement Group</b>	
Area	Elective
Actual Credits	1

<b>Total General Education Credits</b>	18	<b>Core Curriculum Credits</b>	35
<b>Related Curriculum Credits</b>	6	<b>Total Elective Credits</b>	1

Degree Map/Curriculum (click on PDF link below)  
[20107 Applied Computer Science AAS.pdf](#)

## Cosmetology, Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

CIP Code  
12.0401

Advisor  
Stacey Lunt, Sherli Skinner

Program Description  
The Cosmetology program provides students an opportunity to apply Cosmetology practices and principles in a simulated salon environment. Upon successful completion of the program, a minimum of three (3) semesters to obtain the 1500 hours of training necessary, students will be eligible to take the Arizona Barbering and Cosmetology Board Examination. The Cosmetology Program meets Monday - Friday, 7:30 AM - 5:00 PM, with required Saturdays, 8:00 AM - 4:30 PM. Students can continue their education and complete an Associate of Applied Science degree by taking sixteen (16) General Education credits.

In addition to general tuition, a required course fee of \$180 per credit will be applied to all Cosmetology courses enrolled, and a one-time kit fee for new students.

Entry into the Cosmetology program requires prior admission to Eastern Arizona College and a completed Cosmetology Enrollment Packet. Contact the Cosmetology Program for more information, at (928) 428-8509.

Degree Map/Curriculum (click on PDF link below)  
[20111 Cosmetology AAS.pdf](#)

## Cybersecurity, Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

CIP Code  
11.1003

Advisor  
James McBride

**Program Description**  
This curriculum builds on the courses already offered in networking and server/client operating systems. It is a comprehensive program that prepares a student for a career in Information Security (Cyber Security) by teaching the principles needed to succeed and by preparing them for four industry certifications. It is for the student who is interested in digital forensics investigation, defending networks both large and small, and understanding the process of incident handling.

**Degree Map Name**  
Cyber Security AAS  
**Total Degree Map Credits**  
60  
**Degree Map Effective Catalog Year**  
-

Year	Semester	Actual Credits
Year 1	Fall	15
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>CIS170 - Working in Technology</li> <li>AND CIS191 - Securing Operating Systems</li> </ul> OR		
<ul style="list-style-type: none"> <li>CIS180 - IT Fundamentals</li> <li>OR</li> <li>CIS185 - Introduction to Cyber Security</li> </ul>		
<b>Course Requirement Group Area</b>		Major
<b>Actual Credits</b>		9
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>ENG101 - Written Communications I</li> </ul>		
<b>Course Requirement Group Area</b>		General Education
<b>Actual Credits</b>		3
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>Elective (AAS)</li> </ul>		
<b>Course Requirement Group Area</b>		General Education
<b>Actual Credits</b>		3
Year	Semester	Actual Credits
Year 1	Spring	15
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>CIS195 - Networking Systems I</li> <li>AND CIS201 - Securing Server Systems</li> <li>AND CIS210 - Cyber Security Technician I</li> </ul>		
<b>Course Requirement Group Area</b>		Major
<b>Actual Credits</b>		9
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>ENG102 - Written Communications II</li> </ul> OR		
<ul style="list-style-type: none"> <li>BUA259 - Business Communications</li> </ul>		
<b>Course Requirement Group Area</b>		General Education
<b>Actual Credits</b>		3
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>Elective (AAS)</li> </ul>		
<b>Course Requirement Group Area</b>		General Education
<b>Actual Credits</b>		3
Year	Semester	Actual Credits
Year 2	Fall	15
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>CIS211 - Cyber Security Technician II</li> <li>AND CIS235 - Ethical Hacker I</li> <li>AND CMP124 - Computer Programming I</li> </ul>		
<b>Course Requirement Group Area</b>		Major
<b>Actual Credits</b>		9

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>BUS111 - Business Mathematical Calculations</li> </ul> OR		
<ul style="list-style-type: none"> <li>MAT100 - Applied Mathematics</li> </ul>		
<b>Course Requirement Group Area</b>		General Education
<b>Actual Credits</b>		3
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>Elective (AAS)</li> </ul>		
<b>Course Requirement Group Area</b>		General Education
<b>Actual Credits</b>		3
Year	Semester	Actual Credits
Year 2	Spring	15
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>CIS220 - Hacking Forensic Investigator</li> <li>AND CIS236 - Ethical Hacker II</li> <li>AND CIS239 - Cyber Security Capstone</li> <li>AND CMP170 - Database Management with Microsoft Access</li> </ul>		
<b>Course Requirement Group Area</b>		Major
<b>Actual Credits</b>		12
<b>Total General Education Credits</b>		21
<b>Related Curriculum Credits</b>		0
<b>Core Curriculum Credits</b>		39
<b>Total Elective Credits</b>		0

Degree Map/Curriculum (click on PDF link below)  
[20121 Cyber Security AAS.pdf](#)

## Graphic Design, Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

CIP Code  
50.0402

Advisor  
Jeff Henley  
**Program Description**

Graphic Design prepares you for entry-level employment in an advertising agency, art agency, newspaper, printing plant, industrial in-plant printing unit, and free-lance work.  
Degree Map/Curriculum (click on PDF link below)  
[20401 GRAPHIC DESIGN AAS.pdf](#)

## Automotive Service Technology, Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

CIP Code  
47.0604

Advisor  
Lloyd Adams  
**Program Description**

EAC supports ASE certification of technicians The Automotive Service Technology degree provides an opportunity for all students to develop and upgrade skills needed to be productive and successful upon entry into several automotive service and repair occupations. Additionally, this program develops the career skills necessary for an individual to move into sales, business management, or supervisory positions. The Automotive Service Technology program is recognized for its high level of achievement by meeting local and national industry standards. The degree course work will help prepare students for ASE certification tests.  
Degree Map/Curriculum (click on PDF link below)  
[20601 Automotive Service Technology AAS.pdf](#)

## Diesel Technology, Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

Advisor  
Bart Stauffer  
Program Description

The Diesel Technology AAS degree provides an opportunity for students to develop and upgrade skills needed to be productive and successful upon entry into diesel service and repair occupations. The focus of the program is off-highway Caterpillar equipment. Additionally, this program develops the career skills such as literacy, numeracy, and communication. The degree course work will help prepare students for ASE Diesel certification tests.  
Degree Map/Curriculum (click on PDF link below)  
[20602 Diesel Technology AAS.pdf](#)

## Computer Assisted Design and Drafting Technology (CADD), Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

CIP Code  
15.1301

Advisor  
Doug Griffin  
Program Description

The Computer Assisted Design and Drafting program prepares students to succeed as a CADD technician. This degree specializes in 3D design concepts, 3D solids and parametric modeling, residential and commercial architectural design and planning, and cartography (civil drawing).  
Degree Map/Curriculum (click on PDF link below)  
[20603 CADD Tech AAS.pdf](#)

## Welding Technology, Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

CIP Code  
48.0508

Advisor  
Nathan McCray

Program Description  
Welding Technology degree program provides the student an opportunity to develop skills using various welding and cutting tools, techniques, and materials. This degree program prepares students for career success in welding and metal fabrication. This Welding Technology degree also develops supervisory skills that enable students to become a project supervisor or manager. Welding certification by an independent agency is available. This AAS degree is also available as a transfer degree to a BAS program. See an advisor for information concerning the transfer degree.

Degree Map/Curriculum (click on PDF link below)  
[20609 Welding Tech AAS.pdf](#)

## Electrical and Instrumentation Technology, Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

CIP Code  
47.0105

Advisor  
Dorian R. Nelson

Program Description  
This program of study provides skill-based training for those interested in design and advanced manufacturing with an emphasis on fabrication processes. Instruction will revolve around the development of products and production of these products. Core to this degree will be a fabrication laboratory concept of sharing ideas and producing innovative products using manual equipment and automated machines. This AAS degree is also available as a transfer degree to a BAS program. See your advisor for information concerning the transfer degree.

Degree Map/Curriculum (click on PDF link below)  
[20611 Electrical and Instrumentation Technology AAS.pdf](#)

## Advanced Manufacturing Technology, Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

CIP Code  
48.0503

Advisor  
Dorian R. Nelson  
Program Description

This program of study provides skill-based training for those interested in design and advanced manufacturing with an emphasis on fabrication processes. Instruction will revolve around the development of products and production of these products. Core to this degree will be a fabrication laboratory concept of sharing ideas and producing innovative products using manual equipment and automated machines. This AAS degree is also available as a transfer degree to a BAS program. See your advisor for information concerning the transfer degree.  
Degree Map/Curriculum (click on PDF link below)  
[20615 Adv.Mfg.Tech AAS.pdf](#)

## HVAC-R Technologies, Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

CIP Code  
47.0201

Advisor  
George Rocha

Program Description  
This program prepares individuals to apply technical knowledge and skills to repair, install, service, and maintain the operation of HVAC-R systems. Instruction includes diagnostic techniques, the use of testing equipment and the principle of mechanics, electricity, and electronics as they relate to the repair of heating, air conditioning, and refrigeration systems. Communication and organizational skills are emphasized to prepare a program completer to participate at the leadership, organizational, or entrepreneurial level of the commercial HVAC-R industry.

Degree Map/Curriculum (click on PDF link below)  
[20616 HVAC-R Tech AAS.pdf](#)

## Nursing, Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

CIP Code  
51.3801

Advisor  
Sara Lemley, Jennifer Skinner

Program Description  
This program is designed to prepare the student for beginning employment as a staff nurse giving direct care to patients. The program has received approval by the Arizona Board of Nursing and is accredited by the Accreditation Commission for Education in Nursing (ACEN). On successful completion of the program, the student will be awarded the Associate of Applied Science in Nursing degree and will be eligible to apply for licensure and submit application to write the National Council Licensure Examination for Registered Nurses (NCLEX-RN). The program permits students to enter or exit from the program based on their specific needs, space availability, and time limitations. Entry into the Nursing Program requires prior admission. For admission procedures to the Nursing Program, contact the Nursing Department, (928) 428-8396 or email [nursing@eac.edu](mailto:nursing@eac.edu) APPLICATION REQUIREMENTS The following are required to be completed prior to applying for the Nursing Program: Submit a copy of a valid Department of Public Safety fingerprint clearance card (allow 4 - 6 weeks). Reading competency at the twelfth-grade level or above on an EAC administered reading assessment or other approved measure of reading competency such as TEAS Reading score at 72.4% or higher, or evidence of a college associate degree or higher. TEAS Assessment Nursing Entrance Exam with a minimum composite score showing proficient or above average for the composite score, or HESI A2 composite score at 80% or higher. ADMISSION REQUIREMENTS The following prerequisite courses are required to be completed with a minimum grade of C prior to starting the Nursing Program: CHM 130 Fundamental Chemistry or higher (CHM 138 preferred) 4 credits PSY 101 Introduction to Psychology 3 credits BIO 201 Human Anatomy and Physiology 1 4 credits The following are required prior to starting the Nursing Program: Placement test score as established by District policy that places the student into MAT 154 or completion of MAT 100 or higher with a grade of C or higher Meet the minimum math requirements for medical dosage calculations by demonstrating competency through testing or course completion of HCE 116 at the specified level set forth by the Nursing Program. Current Arizona Licensed Nursing Assistant number. This can be obtained by taking NUR 100 and passing the written and skills testing and successful application to Arizona State Board of Nursing. Submit the completed Immunization Record and Nursing Physical Form Current AHA CPR card - health care provider level (MUST be American Heart Association) NOTE: (Pursuant to A.R.S. 32-1606 (B) (17), an applicant for professional or practical nurse license by examination is not eligible for licensure if the applicant has any felony convictions and has not received an absolute discharge from the sentences for all felony convictions. The absolute discharge must be received five or more years before submitting an application for licensure. If the applicant cannot prove that the absolute discharge date is five or more years before the date of filing the application, the Board of Nursing cannot process the application.)

Degree Map/Curriculum (click on PDF link below)  
[20702 Nursing AAS.pdf](#)

## Paramedic, Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

CIP Code  
51.0904

Advisor  
Johnathon Clegg  
Program Description

This program prepares you for employment as a paramedic who is qualified to give emergency care to patients. The Eastern Arizona College Paramedic Training Program follows the guidelines set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP, [www.caahep.org](http://www.caahep.org)) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP). After successfully completing the degree, you are eligible to take the required National Registry of Emergency Medical Technicians examinations at the Paramedic level. Entry into the paramedic program requires prior admission. For specific admission procedures, contact the EAC EMS Department at (928)428-8398. EMT 210, EMT 212, and EMT 214 must be taken contiguously and each course must be completed with a "B" or better to successfully complete the program or the student must restart the entire program. This program is a fall-start program and is only offered when a minimum of 15 students are accepted and registered. Program size is limited to 24 students by Arizona State regulation. Application Requirements The following are required for application into the program: The following are required for application into the program: Must be at least 18 years of age prior to applying to the Paramedic Program Completion of high school or GED Current American Heart Association, BLS healthcare provider certification Successful completion of EMT 103 or equivalent, including current AZDHS or NREMT EMT Certification Proof of completion of ENG 091, Reading Improvement II, or proof of at least a 10th grade reading level on College approved assessment test. \*Your EAC reading assessment test score is available on Gila Hank online or from your advisor. MAT 100 with a grade of C or higher or placement test score as established by District policy Passage of written, practical, and oral entrance examinations Student must provide immunization records including proof of MMR, Varicella, Hepatitis B, Tdap, 2-step TB skin test, current flu shot and a completed 10-panel drug screen. Current Arizona DPS fingerprint clearance card (required by agency contracts for clinical/vehicular rotations) Current health insurance coverage  
Degree Map/Curriculum (click on PDF link below)  
[20703 EMS-Paramedicine AAS.pdf](#)

## Administration of Justice, Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

CIP Code  
43.0107

Advisor  
Kris Matthews  
Program Description

The Administration of Justice Associate of Applied Science degree is intended for students who either plan to enter employment or who are currently working in law enforcement or related fields and want to upgrade their knowledge and skills. If you successfully complete AJS 117 and AJS 217 and graduate from the Law Enforcement Training Academy or provide proof of graduating from an AZ POST police academy, you will have fulfilled the following courses toward an Administration of Justice degree. AJS 103 - Criminal Investigation AJS 155 - Firearms AJS 202 - Substantive Criminal Law AJS 220 - Procedural Criminal Law AJS 266 - The Police Function EMT 121 - Cardiopulmonary Resuscitation HPE 104 - Physical Conditioning Assessment I HPE 105 - Physical Conditioning Assessment II If you provide proof of graduating from the Arizona Department of Corrections Training Academy (COTA), you will have fulfilled the following courses toward an Administration of Justice degree. AJS 130 - The Correction Function AJS 155 - Firearms EMT 121 - Cardiopulmonary Resuscitation HPE 104 - Physical Conditioning Assessment I  
Degree Map/Curriculum (click on PDF link below)  
[20801 AJS AAS.pdf](#)

## Early Childhood Education, Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

CIP Code  
13.1210

Advisor  
Susan Norton  
Program Description

This degree builds on the requirements of the Early Childhood Education Certificate of Proficiency and gives the student additional skills to accompany certification in the field.  
Degree Map/Curriculum (click on PDF link below)  
[20803 ECE AAS.pdf](#)

## Administration of Justice BAS Track, Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

CIP Code  
43.0107

Advisor  
Kris Matthews  
Program Description

The Administration of Justice Associate of Applied Science degree - University Track is intended for students who desire to further their education and complete a web-based Bachelor of Applied Science degree (BAS) from a university. It is designed as a 2+2 program to assist students entering employment, or who are currently working in law enforcement or related fields, and want to obtain a bachelors degree. If you successfully complete AJS 117 and AJS 217 and graduate from the Law Enforcement Training Academy or provide proof of graduating from an AZ POST police academy, you will have fulfilled the following courses toward an Administration of Justice degree. AJS 103 - Criminal Investigation AJS 155 - Firearms AJS 202 - Substantive Criminal Law AJS 220 - Procedural Criminal Law AJS 266 - The Police Function EMT 121 - Cardiopulmonary Resuscitation HPE 104 - Physical Conditioning Assessment I HPE 105 - Physical Conditioning Assessment II If you provide proof of graduating from the Arizona Department of Corrections Training Academy (COTA), or have received the Introduction to Correctional Techniques I and Introduction to Correctional Techniques II certificates from the Federal Bureau of Prisons and the Federal Law Enforcement Training Center (FLETC), you will have fulfilled the following courses toward an Administration of Justice degree. AJS 130 - The Correction Function AJS 155 - Firearms EMT 121 - Cardiopulmonary Resuscitation HPE 104 - Physical Conditioning Assessment I  
Degree Map/Curriculum (click on PDF link below)  
[20804 AJS AAS-BAS Track.pdf](#)

## Radiologic Technology, Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

CIP Code  
51.0907

Advisor  
Adam Bingham

#### Program Description

This program prepares the student for an entry-level position as a radiologic technologist. Radiologic technologists are highly specialized members of the health care team who provide patient care services using x-ray machines under the direction of a physician. Radiologic technologists have knowledge of anatomy, physiology, physics, positioning, and x-ray techniques necessary to create diagnostic images. Knowledge of record keeping, image critique, and equipment maintenance is also part of the job. Careers in the field of diagnostic imaging are found in a multitude of places such as hospitals, imaging centers, clinics, and doctors' offices. There is a potential to continue in other areas such as Computed Tomography, Magnetic Resonance Imaging, and Medical Dosimetry. This program will prepare students for the American Registry of Radiologic Technologist examinations:

Emphasis is on basic informatics, working in the healthcare system, knowledge, and technical skills to thrive in today's complex world. Graduates learn what is needed to manage and improve the quality of information needed within the healthcare delivery system. Entry into the Radiologic Technology program requires prior admission. For admission procedures to the Radiologic Technology Program, contact Adam Bingham, (928) 428-8349.

#### Degree Map Name

21301 - Radiologic Technologist AAS

Total Degree Map Credits

79

Degree Map Effective Catalog Year

-

#### Additional information

**NOTES:** The following is a recommended or suggested sequence of courses. If a student enters the program in the Spring, or transfer credit in, then the sequence would have to be modified.

This degree dictates specific courses to meet the General Education requirements. All courses must be completed with a grade of "C" or better - Be sure to check the catalog for other changes and requirements.

Year	Semester	Actual Credits
Year 1	Fall	29
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>RAD101 - Radiographic Procedures I</li> <li>AND RAD136 - Radiation Production and Exposure</li> <li>AND BUA160 - Medical Law and Ethics</li> <li>AND RAD105 - Radiation Biology</li> </ul>		
<b>Course Requirement Group</b>		
Area		Major
Actual Credits		10

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>ENG101 - Written Communications I</li> </ul>		
<b>Course Requirement Group</b>		
Area		General Education
Actual Credits		3

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>Radiologic Technologist Prerequisite Courses</li> </ul>		
<b>Course Requirement Group</b>		
Area		General Education
Actual Credits		16

Year	Semester	Actual Credits
Year 1	Spring	14
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>RAD102 - Radiographic Procedures II</li> <li>AND RAD181 - Clinical Practicum I</li> </ul>		
<b>Course Requirement Group</b>		
Area		Major
Actual Credits		11

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>ENG102 - Written Communications II</li> </ul>		
<b>Course Requirement Group</b>		
Area		General Education
Actual Credits		3

Year	Semester	Actual Credits
Year 1	Summer	12
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>RAD200 - Radiographic Film Critique</li> <li>AND RAD182 - Clinical Practicum II</li> </ul>		
<b>Course Requirement Group</b>		
Area		Major
Actual Credits		12

Year	Semester	Actual Credits
Year 2	Fall	13

**Requirement Select**

- RAD210 - Radiation Physics and Equipment
- AND RAD281 - Clinical Practicum III

**Course Requirement Group**

Area Major

Actual Credits 10

**Requirement Select**

- PSY101 - Introduction to Psychology

**Course Requirement Group**

Area General Education

Actual Credits 3

Year	Semester	Actual Credits
Year 2	Spring	11

**Requirement Select**

- RAD230 - Radiographic Pathology
- AND RAD282 - Radiographic Advanced Procedures

**Course Requirement Group**

Area Major

Actual Credits 11

<b>Total General Education Credits</b>	25	<b>Core Curriculum Credits</b>	54
<b>Related Curriculum Credits</b>	0	<b>Total Elective Credits</b>	0

Degree Map/Curriculum (click on PDF link below)  
[21301 Radiologic Technology AAS.pdf](#)

## Health Sciences, Associate of Applied Science

### General

Degree Designation  
Associate of Applied Science

Advisor  
Jennifer Williams, John Clegg

**Program Description**  
This degree prepares students for the complex and ever-changing world of healthcare. It is designed to build upon the education of a student that has already earned a credential in a healthcare field, to increase understanding, broaden perspective, and enhance skills. Courses in the program may require vaccinations or other medical tests. See course descriptions for additional information.

Degree Map/Curriculum (click on PDF link below)  
[21302 Health Sciences AAS.pdf](#)

## Arizona General Education Curriculum A (AGEC-A), Certificate

### General

Degree Designation  
Certificate

CIP Code  
24.0101

Advisor  
Gina Roebuck, Craig Smith

**Program Description**  
Upon completion of this certificate, the student fulfills the lower-division General Education requirements at the University of Arizona, Arizona State University and Northern Arizona University. Students are strongly advised to complete an associate degree after completing this certificate. AGECA. This General Education Program is better suited for majors in the Liberal Arts such as: Anthropology Art English Health and P.E. History Languages Music Psychology Sociology Theatre  
Degree Map/Curriculum (click on PDF link below)  
[30000 AGECA Certificate.pdf](#)

## Bookkeeping, Certificate

### General

Degree Designation  
Certificate

CIP Code  
52.0302

Advisor  
Michael Fox

Program Description

This certificate will prepare you for entry-level positions in bookkeeping and accounting.

**Degree Map Name**

Bookkeeping Certificate

**Total Degree Map Credits**

18

**Degree Map Effective Catalog Year**

Year	Semester	Actual Credits
Year 1	Fall	9
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• AIS117 - Electronic Keyboarding I</li> <li>• AND AIS118 - Electronic Keyboarding II</li> <li>• AND AIS214 - The Office Professional</li> <li>• AND BUS101 - Fundamentals of Accounting OR</li> <li>• BUA233 - Uses of Accounting Information I</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		9

Year	Semester	Actual Credits
Year 1	Spring	9
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• BUS111 - Business Mathematical Calculations</li> <li>• AND BUS205 - Accounting with QuickBooks</li> <li>• AND CMP101 - Introduction to Computers OR</li> <li>• CMP103 - Introduction to Computer Based Systems</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		9

**Total General Education Credits**

0

**Related Curriculum Credits**

0

**Core Curriculum Credits**

18

**Total Elective Credits**

0

Degree Map/Curriculum (click on PDF link below)

[30104 Bookkeeping Certificate.pdf](#)

## Database Support, Certificate

### General

Degree Designation  
Certificate

CIP Code  
11.0201

Advisor

Brenin Angle, Lydia Mata, James McBride

Program Description

If students want to complete a fast-track program that emphasizes specific computer skills and includes fewer general education courses, this certificate is ideal. The program focuses on three key areas in high demand in office environments at the technical support level: programming, database management, and networking skills for LAN environments.

**Degree Map Name**

Database Support Certificate

**Total Degree Map Credits**

29

**Degree Map Effective Catalog Year**

Year	Semester	Actual Credits
Year 1	Fall	15
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• CIS170 - Working in Technology</li> <li>• AND CIS190 - Operating Systems I</li> <li>• AND CMP128 - C# Programming I</li> <li>• AND CMP161 - Electronic Spreadsheet with Microsoft Excel</li> <li>• AND CMP103 - Introduction to Computer Based Systems</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		15

Year	Semester	Actual Credits
Year 1	Spring	14
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• CIS195 - Networking Systems I</li> <li>• AND CMP170 - Database Management with Microsoft Access</li> <li>• AND CMP280 - Database Design and Development</li> <li>• AND CMP291 - CIS Practicum</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		14

**Total General Education Credits**

0

**Related Curriculum Credits**

0

**Core Curriculum Credits**

29

**Total Elective Credits**

0

Degree Map/Curriculum (click on PDF link below)

[30105 Database Support Certificate.pdf](#)

## Cosmetology, Certificate

### General

Degree Designation  
Certificate

CIP Code  
12.0401

Advisor

Stacey Lunt, Sherli Skinner

Program Description

The Cosmetology program provides students an opportunity to apply Cosmetology practices and principles in a simulated salon environment. Upon successful completion of the program, a minimum of three (3) semesters to obtain the 1500 hours of training necessary, students will be eligible to take the Arizona Barbering and Cosmetology Board Examination. The Cosmetology Program meets Monday - Friday, 7:30 AM - 5:00 PM with required Saturdays, 8:00 AM - 4:30 PM.

In addition to general tuition, a required course fee of \$180 per credit will be applied to all Cosmetology courses enrolled, and a one-time kit fee for new students.

Entry into the Cosmetology program requires prior admission to Eastern Arizona College and a completed Cosmetology Enrollment Packet. Contact the Cosmetology Program for more information, at (928) 428-8509.

Special Note: A high school program is also offered to qualified students through a career and technical education school district (CTED). The high school program meets four hours (4) a day, five (5) days a week, and eight (8) hours on each of the two required Saturdays a month during the regular school year. The high school program will take four (4) semesters to complete and is a Fall start only beginning their junior or senior year.

Degree Map/Curriculum (click on PDF link below)

[30110 Cosmetology Certificate.pdf](#)

## Cosmetology Instructor, Certificate

### General

Degree Designation  
Certificate

CIP Code  
12.0413

Advisor  
Stacey Lunt, Sherli Skinner

#### Program Description

The Cosmetology Instructor Certificate program prepares the student for an entry-level position as a Cosmetology Instructor. Emphasis is on classroom management, state rules and regulations, and course instruction. Classes meet to satisfy the 350 hours of training necessary to qualify for the Arizona Barbering and Cosmetology Board Examination. In addition to general tuition, a required course fee of \$180 per credit will be applied to all Cosmetology courses enrolled. Entry into the Cosmetology Instructor program requires prior admission to Eastern Arizona College and a completed Cosmetology Enrollment Packet. Contact the Cosmetology Program for more information, at (928) 428-8509.

Degree Map/Curriculum (click on PDF link below)

[30111 Cosmetology Instructor Certificate.pdf](#)

## Cosmetology Nail Technician, Certificate

### General

Degree Designation  
Certificate

CIP Code  
12.0410

Advisor  
Stacey Lunt, Sherli Skinner

#### Program Description

This program prepares you for an entry-level position as a nail technician. Emphasis is on basic nail care, manicuring, and hand and arm massage. Upon successful completion of the nail tech program, to obtain the 600 hours of training necessary, students will be eligible to take the Arizona Barbering and Cosmetology Board nail technician exam. The Nail Tech Program meets, Monday - Friday, 7:30 AM 5:00 PM, with required Saturdays, 8:00 AM - 4:30 PM. This program is only offered when a minimum of two (2) full-time students are accepted and registered.

In addition to general tuition, a required course fee of \$180 per credit will be applied to all Cosmetology courses enrolled, and a one-time kit fee for new students.

Entry into the Cosmetology program requires prior admission to Eastern Arizona College and a completed Cosmetology Enrollment Packet. Contact the Cosmetology Program for more information, at (928) 428-8509.

Degree Map/Curriculum (click on PDF link below)

[30114 Cosmetology-Nail Tech Certificate.pdf](#)

## Business Office Assistant, Certificate

### General

Degree Designation  
Certificate

CIP Code  
52.0408

Advisor  
Dana Barnett, Derek Rich, Tammy Campbell, Michael Fox

#### Program Description

This certificate program provides basic training in office skills and business knowledge that is expected in the business world today. The curriculum prepares you for positions such as clerk, receptionist or office assistant.

**Degree Map Name**  
Business Office Assistant Certificate

**Total Degree Map Credits**

30

**Degree Map Effective Catalog Year**

-

Year	Semester	Actual Credits
Year 1	Fall	15
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• BUA101 - Introduction to Business</li> <li>• AND AIS214 - The Office Professional</li> <li>• AND AIS240 - Desktop Publishing</li> <li>• AND BUS111 - Business Mathematical Calculations</li> <li>• AND CMP101 - Introduction to Computers</li> <li>OR</li> <li>• CMP103 - Introduction to Computer Based Systems</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		15

Year	Semester	Actual Credits
Year 1	Spring	15
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• AIS118 - Electronic Keyboarding II</li> <li>• AND AIS238 - Advanced Office Applications</li> <li>• AND AIS241 - Integrated Business Projects</li> <li>• AND BUA259 - Business Communications</li> <li>• AND BUS101 - Fundamentals of Accounting</li> <li>OR</li> <li>• BUA233 - Uses of Accounting Information I</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		15

<b>Total General Education Credits</b>	<b>Core Curriculum Credits</b>
0	30
<b>Related Curriculum Credits</b>	<b>Total Elective Credits</b>
0	0

Degree Map/Curriculum (click on PDF link below)

[30116 Business Office Assistant Certificate.pdf](#)

## Business Entrepreneurship, Certificate

### General

Degree Designation  
Certificate

CIP Code  
52.0703

Advisor  
Michael Fox

Program Description  
This certificate will prepare students for careers in the middle-management of retail, wholesale, and industrial organizations, or for self-employment.

**Degree Map Name**  
Business Entrepreneurship Certificate  
**Total Degree Map Credits**  
30  
**Degree Map Effective Catalog Year**  
-

Year	Semester	Actual Credits
Year 1	Fall	15
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>BUS111 - Business Mathematical Calculations</li> <li>AND SBM110 - Introduction to Entrepreneurship</li> <li>AND SBM121 - Supervision</li> <li>AND BUA233 - Uses of Accounting Information I</li> </ul> OR <ul style="list-style-type: none"> <li>BUS101 - Fundamentals of Accounting</li> <li>AND CMP101 - Introduction to Computers</li> </ul> OR <ul style="list-style-type: none"> <li>CMP103 - Introduction to Computer Based Systems</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	Major	
<b>Actual Credits</b>		15

Year	Semester	Actual Credits
Year 1	Spring	15
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>BUA245 - Legal Environment of Business</li> <li>AND BUA259 - Business Communications</li> <li>AND BUA289 - Business Capstone</li> <li>AND SBM211 - Financial Management</li> <li>AND SBM221 - Business Ethics</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	Major	
<b>Actual Credits</b>		15

<b>Total General Education Credits</b>	0	<b>Core Curriculum Credits</b>	30
<b>Related Curriculum Credits</b>	0	<b>Total Elective Credits</b>	0

Degree Map/Curriculum (click on PDF link below)  
[30118 Business Entrepreneurship Certificate.pdf](#)

## Business Technology Specialist, Certificate

### General

Degree Designation  
Certificate

CIP Code  
52.0401

Advisor  
Dana Barnett, Derek Rich, Tammy Campbell, Michael Fox

Program Description  
Completion of this certificate will help you develop good keyboarding skills and become a specialist in one or more word processing software programs.

**Degree Map Name**  
Business Technology Specialist  
**Total Degree Map Credits**  
18  
**Degree Map Effective Catalog Year**  
-

Year	Semester	Actual Credits
Year 1	Fall	9
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>AIS214 - The Office Professional</li> <li>AND AIS237 - Word Processing Applications</li> <li>AND CMP101 - Introduction to Computers</li> </ul> OR <ul style="list-style-type: none"> <li>CMP103 - Introduction to Computer Based Systems</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	Major	
<b>Actual Credits</b>		9

Year	Semester	Actual Credits
Year 1	Spring	9
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>AIS118 - Electronic Keyboarding II</li> <li>AND AIS238 - Advanced Office Applications</li> <li>AND BUA259 - Business Communications</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	Major	
<b>Actual Credits</b>		9

<b>Total General Education Credits</b>	0	<b>Core Curriculum Credits</b>	18
<b>Related Curriculum Credits</b>	0	<b>Total Elective Credits</b>	0

Degree Map/Curriculum (click on PDF link below)  
[30121 Business Technology Specialist Certificate.pdf](#)

## Retail Management, Certificate

### General

Degree Designation  
Certificate

CIP Code  
52.1803

Advisor  
Michael Fox

#### Program Description

This certificate prepares students for careers at management levels of retail businesses. It is endorsed by the Western Association of Food Chains and is designed for both grocery store employees and anyone else who is interested in furthering his or her career in retail management. Gainful Employment Disclosure. The following link provides valuable information regarding this certificate program such as the total length of the program, the percentage of students who graduate on time, the total cost of the program, student loan data and other valuable data. Please review this information so that you make an informed decision regarding your education at EAC. [http://www.eac.edu/Student\\_Services/Financial\\_Aid/gainful\\_employment.shtm](http://www.eac.edu/Student_Services/Financial_Aid/gainful_employment.shtm)

#### Degree Map Name

Retail Management Certificate

Total Degree Map Credits

24

#### Degree Map Effective Catalog Year

-

Year	Semester	Actual Credits
Year 1	Fall	12

#### Requirement Select

- BUA259 - Business Communications
- AND BUS221 - Human Resource Management
- AND SBM121 - Supervision
- AND CMP101 - Introduction to Computers
- OR
- CMP103 - Introduction to Computer Based Systems

#### Course Requirement Group

Area Major  
Actual Credits 12

Year	Semester	Actual Credits
Year 1	Spring	12

#### Requirement Select

- BUS211 - Retail Management
- AND BUS251 - Human Relations
- AND SBM111 - Marketing
- AND SBM211 - Financial Management

#### Course Requirement Group

Area Major  
Actual Credits 12

Total General Education Credits	0	Core Curriculum Credits	24
Related Curriculum Credits	0	Total Elective Credits	0

Degree Map/Curriculum (click on PDF link below)

[30123 Retail Management Certificate.pdf](#)

## Business Program Management Fundamentals, Certificate

### General

Degree Designation  
Certificate

CIP Code  
52.0211

Advisor  
Dana Barnett, Michael Fox

#### Program Description

This program is designed to prepare students to plan, schedule, supervise, and complete various projects in diverse business field. This certificate allows students to choose the areas of management they enjoy or want to further improve.

#### Degree Map Name

Business Project Management Fundamentals Certificate

Total Degree Map Credits

18

#### Degree Map Effective Catalog Year

-

Year	Semester	Actual Credits
Year 1	Fall	9

#### Requirement Select

- BUA150 - Introduction to Project Management
- AND BUA151 - Scheduling and Cost Estimating
- AND BUS214 - Contemporary Sports Management
- OR
- BUS251 - Human Relations

#### Course Requirement Group

Area Major  
Actual Credits 9

Year	Semester	Actual Credits
Year 1	Spring	9

#### Requirement Select

- BUA259 - Business Communications
- AND BUS111 - Business Mathematical Calculations
- AND CMP101 - Introduction to Computers
- OR
- CMP103 - Introduction to Computer Based Systems

#### Course Requirement Group

Area Major  
Actual Credits 9

Total General Education Credits	0	Core Curriculum Credits	18
Related Curriculum Credits	0	Total Elective Credits	0

Degree Map/Curriculum (click on PDF link below)

[30130 Business Project Management Fundamentals Certificate.pdf](#)

## IT Support Professional, Certificate

### General

Degree Designation  
Certificate

CIP Code  
11.1006

Advisor  
Brenin Angle, Lydia Mata, James McBride

**Program Description**  
This certificate program provides a fast track to employment by emphasizing specific computer skills and fewer general courses. Students will learn how to establish, organize, and maintain many of the small computer network systems in use today.

<b>Degree Map Name</b> Networking & System Support Certificate		
<b>Total Degree Map Credits</b> 21		
<b>Degree Map Effective Catalog Year</b> -		
<b>Year</b> -	<b>Semester</b> Fall	<b>Actual Credits</b> 12
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>CIS170 - Working in Technology</li> <li>AND CIS180 - IT Fundamentals</li> <li>AND CIS185 - Introduction to Cyber Security</li> <li>AND CIS190 - Operating Systems I</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		12
<b>Year</b> Year 1	<b>Semester</b> Spring	<b>Actual Credits</b> 9
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>CIS195 - Networking Systems I</li> <li>AND CIS201 - Securing Server Systems</li> <li>AND CMP103 - Introduction to Computer Based Systems</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		9
<b>Total General Education Credits</b>		<b>Core Curriculum Credits</b>
0		21
<b>Related Curriculum Credits</b>		<b>Total Elective Credits</b>
0		0

Degree Map/Curriculum (click on PDF link below)  
[30131 Networking & System Support Certificate.pdf](#)

## Business Management, Certificate

### General

Degree Designation  
Certificate

CIP Code  
52.0201

Advisor  
Dana Barnett

**Program Description**  
This certificate will prepare you for careers in the management of retail, wholesale, and industrial organizations, or for self-employment.

<b>Degree Map Name</b> Business Management Certificate		
<b>Total Degree Map Credits</b> 30		
<b>Degree Map Effective Catalog Year</b> -		
<b>Year</b> Year 1	<b>Semester</b> Fall	<b>Actual Credits</b> 15
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>AIS237 - Word Processing Applications</li> <li>AND BUS111 - Business Mathematical Calculations</li> <li>AND BUA101 - Introduction to Business</li> <li>AND BUA150 - Introduction to Project Management</li> <li>AND CMP101 - Introduction to Computers</li> <li>OR</li> <li>CMP103 - Introduction to Computer Based Systems</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		15
<b>Year</b> Year 1	<b>Semester</b> Spring	<b>Actual Credits</b> 15
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>BUA151 - Scheduling and Cost Estimating</li> <li>AND BUA259 - Business Communications</li> <li>AND BUA289 - Business Capstone</li> <li>AND SBM221 - Business Ethics</li> <li>AND BUS101 - Fundamentals of Accounting</li> <li>OR</li> <li>BUA233 - Uses of Accounting Information I</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		15
<b>Total General Education Credits</b>		<b>Core Curriculum Credits</b>
0		30
<b>Related Curriculum Credits</b>		<b>Total Elective Credits</b>
0		0

Degree Map/Curriculum (click on PDF link below)  
[30133 Business Management Certificate.pdf](#)

## Business Entrepreneurship Specialist, Certificate

### General

Degree Designation  
Certificate

CIP Code  
52.0201

Advisor  
Michael Fox

**Program Description**

This certificate will prepare students for careers in the middle-management of retail, wholesale, and industrial organizations, or for self-employment.

**Degree Map Name**

Business Entrepreneurship Specialist Certificate

**Total Degree Map Credits**

18

**Degree Map Effective Catalog Year**

-

Year	Semester	Actual Credits
Year 1	Fall	9
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>SBM121 - Supervision</li> <li>AND BUA233 - Uses of Accounting Information I</li> </ul> OR		
<ul style="list-style-type: none"> <li>BUS101 - Fundamentals of Accounting</li> <li>AND CMP101 - Introduction to Computers</li> </ul> OR		
<ul style="list-style-type: none"> <li>CMP103 - Introduction to Computer Based Systems</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		9

Year	Semester	Actual Credits
Year 1	Spring	9
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>BUS111 - Business Mathematical Calculations</li> <li>AND SBM110 - Introduction to Entrepreneurship</li> <li>AND SBM111 - Marketing</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		9

<b>Total General Education Credits</b>	0	<b>Core Curriculum Credits</b>	18
<b>Related Curriculum Credits</b>	0	<b>Total Elective Credits</b>	0

Degree Map/Curriculum (click on PDF link below)

[30134 Business Entrepreneurship Specialist Certificate.pdf](#)

## Cybersecurity, Certificate

### General

Degree Designation  
Certificate

CIP Code  
11.1003

Advisor  
James, McBride

**Program Description**

This certificate offers a fast track for a student desiring a career in Information Security (Cyber Security) by teaching the principles needed to succeed and by preparing them for six industry certifications. It is for the student who is interested in digital forensics investigation, defending networks both large and small, and understanding the process of incident handling.

**Degree Map Name**

Cyber Security Certificate

**Total Degree Map Credits**

24

**Degree Map Effective Catalog Year**

-

Year	Semester	Actual Credits
Year 1	Fall	12
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>CIS170 - Working in Technology</li> <li>AND CIS180 - IT Fundamentals</li> <li>AND CIS185 - Introduction to Cyber Security</li> <li>AND CMP170 - Database Management with Microsoft Access</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		12

Year	Semester	Actual Credits
Year 1	Spring	12
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>CIS191 - Securing Operating Systems</li> <li>AND CIS195 - Networking Systems I</li> <li>AND CIS210 - Cyber Security Technician I</li> <li>AND CIS201 - Securing Server Systems</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		12

<b>Total General Education Credits</b>	0	<b>Core Curriculum Credits</b>	24
<b>Related Curriculum Credits</b>	0	<b>Total Elective Credits</b>	0

Degree Map/Curriculum (click on PDF link below)

[30135 Cyber Security Certificate.pdf](#)

## Accounting and Finance, Certificate

### General

Degree Designation  
Certificate

CIP Code  
52.0304

Advisor  
Michael Fox

**Program Description**

This certificate prepares students for entry-level business, banking, and finance positions. This certificate also prepares students to continue into Eastern Arizona College's transfer business degree programs.

Degree Map/Curriculum (click on PDF link below)

[30136 Accounting & Finance Certificate.pdf](#)

## Media Communications, Certificate

### General

Degree Designation  
Certificate

CIP Code  
10.0201

Advisor  
Glen Cassetta

**Program Description**

This program prepares a student to work in various audio/video development, production, promotion, and distribution occupations.

Degree Map/Curriculum (click on PDF link below)

[30401 MDC Certificate.pdf](#)

## Graphic Design, Certificate

### General

Degree Designation  
Certificate

CIP Code  
50.0409

Advisor  
Jeff Henley

Program Description

The Graphic Design Certificate Program prepares students for entry-level employment in an advertising agency, art agency, newspaper, printing plant, industrial in-plant printing unit, and free-lance work.  
Degree Map/Curriculum (click on PDF link below)  
[30402 Graphic Design Certificate.pdf](#)

## Personal Trainer, Certificate

### General

Degree Designation  
Certificate

CIP Code  
31.0501

Advisor  
Craig Hackett, Seneca Stromberg

Program Description

Students will learn about the essentials of personal fitness training. Students will be introduced to the human movement system, the Optimal Performance Training (OPTM) model, and other domains of basic exercise science including assessment, exercise technique and training instruction, program design, considerations in nutrition, client relations and behavioral coaching, and professional development, practice, and responsibility.

**Degree Map Name**  
30502 - Personal Trainer Certificate  
**Total Degree Map Credits**  
16  
**Degree Map Effective Catalog Year**  
-

Additional Information

NOTES: This certificate is designed to be completed in one semester, either Fall or Spring. Upon completion students can sit for the National Academy of Sports Medicine (NASM) Certified Personal Trainer exam. There is a \$549 course fee.

This certificate dictates specific courses that must be taken to meet the General Education requirements. All courses must be completed with a grade of "C" or better - please check the catalog for other changes and requirements.

Year	Semester	Actual Credits
Year 1	Fall	16
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>HHP100 - Personal Health</li> <li>AND HHP274 - Sports Nutrition</li> <li>AND HHP278 - Kinetic Anatomy</li> <li>AND HHP213 - Introduction to Strength and Conditioning for Sport Performance</li> <li>AND HHP107 - Personal Training</li> <li>AND EMT122 - First Aid and CPR</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	Major	
<b>Actual Credits</b>	16	

<b>Total General Education Credits</b>	<b>Core Curriculum Credits</b>
0	16
<b>Related Curriculum Credits</b>	<b>Total Elective Credits</b>
0	0

Degree Map/Curriculum (click on PDF link below)  
[30502 Personal Trainer Certificate.pdf](#)

## Automotive Technician, Certificate

### General

Degree Designation  
Certificate

CIP Code  
47.0604

Advisor  
Lloyd Adams

Program Description

The Automotive Technician certificate program is designed to provide in one year much of the basic automotive skills training needed to be productive in an automotive service facility. Additionally, this certificate will help prepare the student for ASE certification tests.

Degree Map/Curriculum (click on PDF link below)  
[30605 Automotive Technician Certificate.pdf](#)

## Computer Assisted Design and Drafting Technolgy Lvl II (CADD), Certificate

### General

Degree Designation  
Certificate

CIP Code  
15.1301

Advisor  
Doug Griffin

Program Description

The Computer Assisted Design and Drafting Certificate program prepares students to succeed as a CADD technician. This certification provides students with competencies in the following areas: manual drafting, 3D solid modeling, and residential architectural design.

Degree Map/Curriculum (click on PDF link below)  
[30613 CADD Tech Level II Certificate.pdf](#)

## Computer Assisted Design and Drafting Technology Lvl 1 (CADD), Certificate

### General

Degree Designation  
Certificate

CIP Code  
15.1301

Advisor  
Doug Griffin

Program Description

The Level I Computer Assisted Design and Drafting Certificate program prepares students to succeed as a CADD technician. This certification provides students with competencies in the following areas: manual drafting, 3D solid modeling, and residential architectural design.

Degree Map/Curriculum (click on PDF link below)  
[30618 CADD Tech Level I Certificate.pdf](#)

## Welding Technology, Certificate

### General

Degree Designation  
Certificate

CIP Code  
48.0508

Advisor  
Nathan McCray

Program Description

The Welding Technology Certificate program provides the student an opportunity to develop skills using various welding and cutting tools, techniques, and materials in preparation for entry into the welding trades. Welding certification by an independent agency is available. Gainful Employment Disclosure. The following link provides valuable information regarding this certificate program such as the total length of the program, the percentage of students who graduate on time, the total cost of the program, student loan data and other valuable data. Please review this information so that you make an informed decision regarding your education at EAC. [http://www.eac.edu/Student\\_Services/Financial\\_Aid/gainful\\_employment.shtm](http://www.eac.edu/Student_Services/Financial_Aid/gainful_employment.shtm)  
Degree Map/Curriculum (click on PDF link below)  
[30626 Welding Tech Certificate.pdf](#)

## Diesel Technology, Certificate

### General

Degree Designation  
Certificate

Advisor  
Bart Stauffer

Program Description

The Diesel Technician Certificate program provides the student an opportunity to develop entry-level skills in diesel service and repair. The focus of this certificate is off-highway Caterpillar equipment. Additionally, this certificate will help prepare the student for ASE Diesel certification tests.

Degree Map/Curriculum (click on PDF link below)  
[30627 Diesel Technician Cert.pdf](#)

## Electrical and Instrumentation Technician, Certificate

### General

Degree Designation  
Certificate

CIP Code  
47.0105

Advisor  
Jeff Jones

#### Program Description

The Electrical and Instrumentation Technology Certificate program provides the student an opportunity to develop entry-level skills in the industrial electrical field. Students will receive a background in the properties and applications of electricity, maintenance of electrical systems, and technical problem solving.

Degree Map/Curriculum (click on PDF link below)  
[30628 Electrical and Instrumentation Technician Certificate.pdf](#)

## Automotive Service Consultant, Certificate

### General

Degree Designation  
Certificate

CIP Code  
47.0604

Advisor  
Lloyd Adams  
Program Description

The Automotive Service Consultant certificate program develops skills necessary for entry into the automotive service consultant/advisor career area. The program is designed to provide in one year much of the basic automotive skills training needed to be productive and efficient in an automotive service consultant/advisor position. Additionally, the certificate program provides salesmanship and customer communication training necessary for this career area.

Degree Map/Curriculum (click on PDF link below)  
[30633 Automotive Service Consultant Certificate.pdf](#)

## Automotive Maintenance, Certificate

### General

Degree Designation  
Certificate

CIP Code  
47.0604

Advisor  
Lloyd Adams  
Program Description

This certificate is designed to provide basic automotive skills training needed to be efficient at performing vehicle preventative maintenance procedures. This training program provides students with an opportunity to take the first step towards entry into an automotive repair career. This short-term program of study will help prepare students for ASE certification examinations.

Degree Map/Curriculum (click on PDF link below)  
[30638 Automotive Maintenance Certificate.pdf](#)

## Advanced Manufacturing and Design Technician, Certificate

### General

Degree Designation  
Certificate

CIP Code  
48.0503

Advisor  
Dorian Nelson  
Program Description

This certificate will focus on skill-based training for those interested in learning how to design, fabricate, and manufacture a variety of products. This short-term training process will focus on manufacturing engineering technologies. The intent of this certificate is to take students from design knowledge to an emphasis on the development and fabrication of products. Core to this certification will be the development of individual skills so students can use fabrication equipment and automated machines to produce first run products.

Degree Map/Curriculum (click on PDF link below)  
[30639 Adv.Mfg.& Design Tech Certificate.pdf](#)

## Advanced Manufacturing Technician, Certificate

### General

Degree Designation  
Certificate

CIP Code  
48.0503

Advisor  
Dorian R. Nelson  
Program Description

This certificate will focus on skill-based training for those interested in learning how to design and produce projects using EACs Fab Lab. This short-term training process will take students from basic product design knowledge to an emphasis on fabricating small products. Core to this certification will be the development of individual skills so students can use fabrication equipment and automated machines.

Degree Map/Curriculum (click on PDF link below)  
[30641 Adv Mfg Tech Certificate.pdf](#)

## Welding Manufacturing Fundamentals, Certificate

### General

Degree Designation  
Certificate

CIP Code  
48.0508

Advisor  
Nathan McCray, Dorian Nelson  
Program Description

This program provides the student an opportunity to develop skills using various welding and cutting tools, techniques, and materials in preparation for entry into the welding trades. Gainful Employment Disclosure. The following link provides valuable information regarding this certificate program such as the total length of the program, the percentage of students who graduate on time, the total cost of the program, student loan data and other valuable data. Please review this information so that you make an informed decision regarding your education at EAC. [http://www.eac.edu/Student\\_Services/Financial\\_Aid/gainful\\_employment.shtm](http://www.eac.edu/Student_Services/Financial_Aid/gainful_employment.shtm)

Degree Map/Curriculum (click on PDF link below)  
[30642 Welding Manufacturing Fundamentals Certificate.pdf](#)

## HVAC-R, Certificate

### General

Degree Designation  
Certificate

CIP Code  
47.0201

Advisor  
George Rocha

#### Program Description

This program is designed to prepare students to work in a heating or refrigeration business. The HVAC-R program includes basic instruction in heating, ventilation, air conditioning and refrigeration systems and their maintenance to help students develop a career in the HVAC-R field.

Degree Map/Curriculum (click on PDF link below)  
[30643 HVAC-R Cert DRAFT.pdf](#)

## Electrical Fundamentals, Certificate

### General

Degree Designation  
Certificate

CIP Code  
47.0105

Advisor  
Jeff Jones

#### Program Description

This program provides the student an opportunity to develop entry-level skills in the industrial electrical field. Students will receive a background in the properties and industrial applications of electricity.

Degree Map/Curriculum (click on PDF link below)  
[30644 Electrical Fundamentals Certificate.pdf](#)

## Commercial Drivers License, Certificate

### General

Degree Designation  
Certificate

CIP Code  
49.0205

Advisor  
Jim Weeks

#### Program Description

This certificate trains students for entry-level positions in the high wage, high demand trucking industry. Students will be prepared to take the Arizona Department of Transportation Motor Vehicle Division (ADOT MVD) Class A Commercial Driver License permit exam. Endorsements covered include double and triple trailers, tank vehicles, and hazmat. Courses provide theory, application, and practice in closed course instruction. Students also complete 30 hours of behind the wheel instruction to practice and develop the skills necessary to obtain a Class A CDL through ADOT MVD. Students may take CDL 110, Commercial Driving: Behind the Wheel Refresher for an additional 30 hours of driving and instruction. In addition to general tuition, course fees apply to CDL 101, CDL 102, and CDL 110. See the Tuition and Fees section in the current catalog. Students will be required to drive and test with an onsite Authorized Third Party (ATP) Commercial Driver Licensing Examiner. An additional fee will be required.

Degree Map/Curriculum (click on PDF link below)  
[30645 CDL Certificate.pdf](#)

## Advanced HVAC-R Technology, Certificate

### General

Degree Designation  
Certificate

CIP Code  
47.0201

Advisor  
George Rocha

#### Program Description

This program is designed to prepare students to work in the commercial refrigeration field. The advanced HVAC-R certificate includes advanced instruction in commercial air conditioning, heat exchange, flow devices, and troubleshooting in commercial refrigeration and air conditioning.

Degree Map/Curriculum (click on PDF link below)  
[30647 Adv HVAC-R Tech Certificate.pdf](#)

## Welding Techniques and Processes, Certificate

### General

Degree Designation  
Certificate

CIP Code  
48.0508

Advisor  
Andrea Renon

#### Program Description

This program will provide the basic credentials and skills necessary to pursue a career as a welder in a variety of industrial fields.

Degree Map/Curriculum (click on PDF link below)  
[30649 Welding Techniques and Processes Certificate.pdf](#)

## Unmanned Aircraft Systems, Certificate

### General

Degree Designation  
Certificate

Advisor  
Nathan Cline

#### Program Description

This certificate equips students with the foundational knowledge and practical skills necessary for careers involving unmanned aircraft systems (UAS). The curriculum includes coursework in drone operation, preparation for the FAA Remote Pilot Certificate, aerial photography and videography, professional drone applications, and drone design and dynamics. Students will also gain hands-on experience with ground control stations, telemetry, and communications. Upon completion, students will be prepared to specialize in UAS careers in the fields of agriculture assessment, environmental monitoring, real estate imagery, drone film production, and infrastructure inspection imagery.

Degree Map/Curriculum (click on PDF link below)  
[30651 Unmanned Aircraft Systems Certificate.pdf](#)

## Computer Aided Manufacturing Lvl I, Certificate

### General

Degree Designation  
Certificate

Advisor  
David Young, Doug Griffin

#### Program Description

This Computer Aided Manufacturing (CAM) certificate program will focus on advanced manufacturing techniques such as 3D printing and CNC machining. Students will learn to safely and accurately operate and set up machining equipment. They will gain proficiency in using modern CAD/CAM software to design and produce precision parts.

Degree Map/Curriculum (click on PDF link below)  
[30652 Computer Aided Manufacturing Certificate.pdf](#)

## Emergency Medical Technician, Certificate

### General

Degree Designation  
Certificate

CIP Code  
51.0904

Advisor  
Johnathon Clegg  
Program Description

This Certificate prepares you for an entry-level position as an emergency medical technician at the basic level. Emphasis is on preparation to perform pre-hospital emergency services as specified by Arizona Department of Health Services, Bureau of Emergency Medical Services. Note: Students are eligible to sit for the National Registry EMT Exam upon completion of the EMT 103, Emergency Medical Technician course.

**Degree Map Name**  
30701 - Emergency Medical Technician Certificate  
**Total Degree Map Credits**  
24  
**Degree Map Effective Catalog Year**  
-

**Additional information**  
**NOTES:** This is a recommended or suggested sequence of courses. If a student enters the program in the spring or transfers credits in, the course list will have to be modified.

This certificate dictates specific courses that must be taken to meet the General Education requirements. All courses must be completed with a grade of "C" or better - please check the catalog for other changes and requirements.

EMT 103 must be completed with a grade of "B" or better to be eligible to take the NREMT exam. All other courses must be completed with a grade of "C" or better.

Year	Semester	Actual Credits
Year 1	Fall	8
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>HCE116 - Medical Dosage Calculations</li> <li>AND HCE112 - Medical Terminology</li> <li>AND EMT121 - Cardiopulmonary Resuscitation</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		4

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>BIO160 - Introduction to Human Anatomy and Physiology</li> <li>AND BIO160G - Lab Introduction to Human Anatomy and Physiology</li> <li>OR</li> <li>HCE156 - Science for Allied Health</li> <li>OR</li> <li>HCE190 - Human Body in Health and Disease</li> <li>OR</li> <li>BIO201 - Human Anatomy and Physiology I</li> <li>AND BIO201G - Lab Human Anatomy and Physiology I</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		4

Year	Semester	Actual Credits
Year 1	Spring	13
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>EMT103 - Emergency Medical Technician</li> <li>AND EMT103G - Lab Emergency Medical Technician</li> <li>AND EMT170 - Vehicular Extrication and Trauma Care</li> <li>AND BIO202 - Human Anatomy and Physiology II</li> <li>AND BIO202G - Lab Human Anatomy and Physiology II</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		13

Year	Semester	Actual Credits
Year 2	Fall	3
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>EMT107 - EMT Practicum</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		3

<b>Total General Education Credits</b>	<b>Core Curriculum Credits</b>
0	24
<b>Related Curriculum Credits</b>	<b>Total Elective Credits</b>
0	0

Degree Map/Curriculum (click on PDF link below)  
[30701 EMS-EMT Certificate.pdf](#)

## Paramedic, Certificate

### General

Degree Designation  
Certificate

CIP Code  
51.0904

Advisor  
Johnathon Clegg  
Program Description

This program prepares you for employment as a paramedic who is qualified to give emergency care to patients. The Eastern Arizona College Paramedic Training Program follows the guidelines set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP, www.caahep.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP). After successfully completing the certificate, you are eligible to take the required National Registry of Emergency Medical Technicians examinations at the Paramedic level. Entry into the paramedic program requires prior admission. For specific admission procedures, contact the EAC EMS Department at (928)428-8398. EMT 210, EMT 212, and EMT 214 must be taken contiguously and each course must be completed with a "B" or better to successfully complete the program or the student must restart the entire program. This program is a fall-start program and is only offered when a minimum of 15 students are accepted and registered. Program size is limited to 24 students by Arizona State regulation. Application Requirements The following are required for application into the program: Must be at least 18 years of age prior to applying to the Paramedic Program. Completion of high school or GED. Current American Heart Association, BLS healthcare provider certification. Current certification as an Arizona EMT or NREMT Certified EMT. ENG 113 with a grade "C" or higher or reading competency at the twelfth grade level or above, on EAC approved reading test. MAT 100 with a grade of "C" or higher or placement test score as established by District policy. Passage of written, practical, and oral entrance examinations. Student must provide immunization records including proof of MMR, Varicella, Hepatitis B, Tdap, 2-step TB skin test, current flu shot and a completed 10-panel drug screen. Current Arizona DPS fingerprint clearance card (required by agency contracts for clinical/vehicular rotations). Current health insurance coverage. Degree Map/Curriculum (click on PDF link below)

[30702 EMS-Paramedic Certificates.pdf](#)

## Medical Assistant, Certificate

### General

Degree Designation  
Certificate

CIP Code  
51.0801

Advisor  
Megan Martinez, Jennifer Williams, John Hancock

#### Program Description

Upon completion of this certificate program, students are eligible to sit for the American Medical Technologists (AMT) Certification Examination to be certified as a Registered Medical Assistant (RMA). This program prepares you for an entry-level position as a medical assistant. Emphasis is on preparation to perform both clerical duties and clinical duties in a medical office. Courses in the program may require vaccinations or other medical tests. Students must obtain a two-step TB skin test (first step with TB results; second step, obtain another TB skin test with results one to three weeks later). See course descriptions in the catalog for additional information. Students will be required to complete a minimum of 160 clinical hours in a health clinic.

#### Degree Map Name

30704 - Medical Assistant Certificate

Total Degree Map Credits

36 - 40

Degree Map Effective Catalog Year

-

#### Additional information

NOTES: The is a recommended or suggested sequence of courses. If a student enters the program in the spring or transfers credits in, the course list will have to be modified.

This certificate dictates specific courses that must be taken to meet the General Education requirements. All courses must be completed with a grade of "C" or better - please check the catalog for other changes and requirements.

Year	Semester	Actual Credits
Year 1	Fall	16 - 18
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>HCE100 - Basic Health Care Concepts and Skills</li> <li>OR</li> <li>NUR100 - Nursing Assistant</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	Major	
<b>Actual Credits</b>	4 - 6	

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>HCE101 - Basic Life Support</li> <li>OR</li> <li>EMT122 - First Aid and CPR</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	Major	
<b>Actual Credits</b>	2	

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>HCE112 - Medical Terminology</li> <li>AND HCE116 - Medical Dosage Calculations</li> <li>AND HCE130 - Medical Assisting: Administrative Competencies</li> <li>AND HCE186 - Phlebotomy and Clinical Laboratory</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	Major	
<b>Actual Credits</b>	10	

Year	Semester	Actual Credits
Year 1	Spring	16 - 18
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>HCE160 - Medical Assisting: Clinical Competencies</li> <li>AND HCE171 - Introduction to Pharmacology</li> <li>AND HCE190 - Human Body in Health and Disease</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	Major	
<b>Actual Credits</b>	13	

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>Medical Assistant Certificate</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	Minor	
<b>Actual Credits</b>	3 - 5	

Year	Semester	Actual Credits
Year 2	Fall	4
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>HCE170 - Medical Assisting: Externship</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	Major	
<b>Actual Credits</b>	4	

Total General Education Credits  
0

Related Curriculum Credits  
3 - 5

Core Curriculum Credits  
33 - 35

Total Elective Credits  
0

Degree Map/Curriculum (click on PDF link below)  
[30704 Medical Assisist Certificate.pdf](#)

## Nursing Assistant, Certificate

### General

Degree Designation  
Certificate

CIP Code  
51.3902

Advisor  
Jill Cluff, Sara Lemley

#### Program Description

This program prepares you for an entry-level position as a nursing assistant. Emphasis is on basic patient care skills, based on the knowledge of universal precautions, asepsis, basic human needs, body mechanics, treatments and procedures, patient admission, transfer, discharge, and eldercare. NOTE: Students are eligible to sit for the Arizona State Board of Nursing Certified Nursing Assistant (CNA) Examination upon completion of the NUR 100, Nursing Assistant course. The Board of Nursing may not consider applications for certification as a Certified Nursing Assistant if the applicant has any felony convictions and has not received an absolute discharge from the sentence(s) for all felony convictions. The absolute discharge must be received five or more years before the Board of Nursing processes the application. The Arizona State Board of Nursing requirements for certification also include proof of legal presence in the United States and disclosure of any felony conviction(s). Current Arizona Nursing Assistant Certification is an admission requirement to EACs Nursing program. Courses in the program may require vaccinations or other medical tests. See course descriptions for additional information. Students will be required to complete a minimum of 40 hours in a skilled nursing facility.

#### Degree Map Name

30706 - Nursing Assistant Certificate

Total Degree Map Credits

16

Degree Map Effective Catalog Year

-

#### Additional information

NOTES: The is a recommended or suggested sequence of courses. If a student enters the program in the spring or transfers credits in, the course list will have to be modified.

This certificate dictates specific courses that must be taken to meet the General Education requirements. All courses must be completed with a grade of "C" or better - please check the catalog for other changes and requirements.

Year	Semester	Actual Credits
Year 1	Fall	10
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>HCE100 - Basic Health Care Concepts and Skills</li> <li>AND HCE101 - Basic Life Support</li> <li>AND HCE112 - Medical Terminology</li> <li>AND HCE116 - Medical Dosage Calculations</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	Major	
<b>Actual Credits</b>	10	

Year	Semester	Actual Credits
Year 1	Spring	6
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>NUR100 - Nursing Assistant</li> <li>AND NUR100G - Lab Nursing Assistant</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	Major	
<b>Actual Credits</b>	6	

Total General Education Credits  
0

Related Curriculum Credits  
0

Core Curriculum Credits  
16

Total Elective Credits  
0

Degree Map/Curriculum (click on PDF link below)  
[30706 Nursing Assistant Certificate.pdf](#)

## Patient Care Technician, Certificate

### General

Degree Designation  
Certificate

CIP Code  
512601

Advisor  
Jennifer Williams

#### Program Description

This program will prepare you for an entry-level position as a patient care technician. Emphasis is on technical skills necessary to perform personal care to complex patients, implementation of selected portions of care plan including respiratory services, rehabilitation services, EKG, and phlebotomy under the supervision of registered nurses. Upon completion of this certificate of proficiency, students are eligible to sit for the National Certification exam as Certified Patient Care Technicians (CPCT), which is available through the National Healthcareer Association. Courses in the program may require vaccinations or other medical test. See course descriptions in the catalog for additional information.

#### Degree Map Name

30708 - Patient Care Technician Certificate

#### Total Degree Map Credits

22.5 - 25

#### Degree Map Effective Catalog Year

-

#### Additional Information

**NOTES:** Courses in the program may require vaccinations or other medical tests. See course descriptions in the catalog for additional information or contact the advisor of this program. This is a recommended or suggested sequence of courses, if a student enters the program in the Spring or transfers credit in the following would be modified.

Complete each required course with a grade of "C" or better. File a petition for certificate through your MYEAC account. Remove any indebtedness to the College.

Year	Semester	Actual Credits
Year 1	Fall	16.5 - 19
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• ENGO91 - Reading Improvement II</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		3
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• MAT100 - Applied Mathematics</li> <li>OR</li> <li>• BUS111 - Business Mathematical Calculations</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		3 - 4
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• NUR100 - Nursing Assistant</li> <li>• AND NUR100G - Lab Nursing Assistant</li> <li>• AND HCE112 - Medical Terminology</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		8
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• EMT121 - Cardiopulmonary Resuscitation</li> <li>OR</li> <li>• HCE101 - Basic Life Support</li> <li>OR</li> <li>• EMT122 - First Aid and CPR</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		0.5 - 2
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• HCE114 - Math for Medications (Inactive)</li> <li>OR</li> <li>• HCE116 - Medical Dosage Calculations</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		2
Year	Semester	Actual Credits
Year 1	Spring	6
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• HCE180 - Patient Care Technician</li> <li>• AND HCE186 - Phlebotomy and Clinical Laboratory</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		-
<b>Actual Credits</b>		6
<b>Total General Education Credits</b>		<b>Core Curriculum Credits</b>
0		16.5 - 19
<b>Related Curriculum Credits</b>		<b>Total Elective Credits</b>
0		0

Degree Map/Curriculum (click on PDF link below)

[30708 Patient Care Tech Certificate.pdf](#)

## Certified Medication Assistant, Certificate

### General

Degree Designation  
Certificate

Advisor  
Jennifer Carlson  
Program Description

This program enhances the career ladder for the experienced certified nursing assistant or licensed nursing assistant, qualifying them to take the exam to become a certified medication assistant. This certificate provides basic background information and routine procedures that are essential for the safe administration of select medications by experienced nursing assistants in a long-term care facility under the supervision of a licensed nurse. The Board of Nursing may not consider applications for certification as a Certified Medication Assistant if the applicant has any felony convictions and has not received an absolute discharge from the sentence(s) for all felony convictions. The absolute discharge must be received five or more years before the Board of Nursing processes the application. The Arizona State Board of Nursing requirements for certification also include proof of legal presence in the United States and disclosure of any felony conviction(s). Courses in the program may require vaccinations or other medical tests. See course descriptions for additional information. Students will be required to complete a minimum of 40 hours in a skilled nursing facility.

Degree Map/Curriculum (click on PDF link below)

[30709 Certified Medication Assistant Certificate.pdf](#)

## Licensed Practical Nurse, Certificate

### General

Degree Designation  
Certificate

CIP Code  
51.3901

Advisor  
Sara Lemley  
Program Description

This program prepares you to function as a practical nurse caring for acutely ill patients under the supervision of a registered nurse. Licensed Practical Nurse (LPN) gives basic nursing care and assists other members of the health care team. On successful completion of the program, you will be eligible to take the National Council Licensure Examination for Practical Nurses (NCLEX-PN). Entry into the nursing program requires prior admission. For admission procedures to the nursing program, contact the Nursing Department, (928) 428-8396. APPLICATION REQUIREMENTS The following are required to be completed prior to applying for the Nursing Program: Submit a copy of a valid Department of Public Safety fingerprint clearance card (allow 4 - 6 weeks) Reading competency at the twelfth grade level or above on an EAC approved reading test or completion of ENG 113 with a grade of C or higher Standardized Nursing Entrance Exam with minimum score at or above the national average for all components and for the composite score.

Degree Map/Curriculum (click on PDF link below)

[30710 LPN Certificate.pdf](#)

## Medical Laboratory Assistant, Certificate

### General

Degree Designation  
Certificate

Advisor  
Jodie Martin  
Program Description

This program prepares you for an entry-level position as a medical laboratory assistant. Emphasis is on preparation to perform duties in a medical laboratory. Professional duties in a laboratory include drawing blood specimens, processing specimens, managing inventory of lab supplies, conducting quality assurance activities, performing point-of-care testing, and using computers to assist in testing and documenting laboratory activities. Upon completion of this certificate program, students are eligible to sit for the American Medical Technologists (AMT) Certification Examination to be certified as a medical laboratory assistant. Courses in the program may require vaccinations or other medical tests. See course descriptions for additional information. Students will be required to complete a minimum of 120 hours in a clinical laboratory setting. Minimum age 17 prior to enrollment in HCE 158 required.

**Degree Map Name**  
30712 - Medical Laboratory Assistant Certificate  
**Total Degree Map Credits**  
28 - 30  
**Degree Map Effective Catalog Year**  
-

**Additional information**  
**NOTES:** Courses in the program may require vaccinations or other medical tests. See course descriptions in the catalog for additional information. Students will be required to complete a minimum of 150 hours in a clinical laboratory setting.

**Additional requirements to obtain this certificate:** All courses must be completed with a grade of "C" or better. Student must complete an academic requirements. Check the catalog for information on meeting with requirement. Student must file a petition for certificate through MYEAC. Student must be free of any indebtedness to the College.

Year	Semester	Actual Credits
Year 1	Fall	17 - 19
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>HCE112 - Medical Terminology</li> <li>AND HCE116 - Medical Dosage Calculations</li> <li>AND HCE158 - Medical Laboratory Assisting I</li> <li>AND HCE158G - Lab Medical Laboratory Assisting I</li> <li>AND HCE186 - Phlebotomy and Clinical Laboratory</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		13

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>HCE100 - Basic Health Care Concepts and Skills</li> <li>OR</li> <li>NUR100 - Nursing Assistant</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		4 - 6

Year	Semester	Actual Credits
Year 1	Spring	11
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>HCE159 - MEDICAL LABORATORY ASSISTING II</li> <li>AND HCE159G - Lab Medical Laboratory Assisting II</li> <li>AND HCE189 - Phlebotomy Certification Review</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		9

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>HCE101 - Basic Life Support</li> <li>OR</li> <li>EMT122 - First Aid and CPR</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		-
<b>Actual Credits</b>		2

<b>Total General Education Credits</b>	<b>Core Curriculum Credits</b>
0	26 - 28
<b>Related Curriculum Credits</b>	<b>Total Elective Credits</b>
0	0

Degree Map/Curriculum (click on PDF link below)  
[30712 Medical Laboratory Assistant Certificate.pdf](#)

## Law Enforcement, Certificate

### General

Degree Designation  
Certificate

CIP Code  
43.0107  
Advisor  
Kris Matthews  
Program Description

This certificate is designed to prepare you for entry-level employment with a criminal justice agency. It also allows persons already employed in law enforcement or a related Criminal Justice field to upgrade their skills and knowledge.  
Degree Map/Curriculum (click on PDF link below)  
[30813 Law Enforcement Certificate.pdf](#)

## Early Childhood Education, Certificate

### General

Degree Designation  
Certificate

CIP Code  
13.1210

Advisor  
Susan Norton  
Program Description

The Early Childhood Education (ECE) program is designed for early childhood educators. Upon completion of the certificate of proficiency students may apply for the National Child Development Associate Certificate through a national CDA credentialing agency. If you wish to attain national certification, we recommend that you enroll in ECE 240, Child Development Portfolio and Assessment Preparation. The Early Childhood Education Associate is a competent person who assumes primary responsibility for meeting the specific needs of a group of children in a child development setting by nurturing the child's physical, social, emotional and intellectual needs; setting up and maintaining the child care environment; and establishing a liaison relationship between parents and the child development center. After completing requirements for the Early Childhood Education Certificate of Proficiency, you can earn a degree by completing the additional requirements for the Early Childhood Education Associate of Applied Science degree or Early Childhood Education Associate of Applied Science - BAS Track degree.  
Degree Map/Curriculum (click on PDF link below)  
[30814 ECE Certificate.pdf](#)

## Behavioral Health, Certificate

### General

Degree Designation  
Certificate

CIP Code  
44.0000

Advisor  
Nan Pennington, Travis Catt  
Program Description

Upon completion of this certificate program, students will be prepared to enter the behavioral health field of social work, psychology, and other social science fields. This certificate provides training in common behavioral health diagnoses, ethics, interpersonal communication skills, and computer skills that are necessary to be an effective behavioral health practitioner.  
Degree Map/Curriculum (click on PDF link below)  
[30817 Behavioral Health Certificate.pdf](#)

## Phlebotomist Technician, Certificate

### General

Degree Designation  
Certificate

CIP Code  
51.1009

Advisor  
Jennifer Williams

#### Program Description

Upon completion of this certificate program, students are eligible to sit for the American Medical Technologist (AMT) Certification Examination to be certified as a Registered Phlebotomist Technician (RPT). Emphasizes is on preparing the student to obtain blood specimens by skin puncture or venipuncture using proper technique on adults, children and infants. Responsibilities of a phlebotomist include collecting fluid or tissue samples, drawing blood using different collection techniques, communication with patients to explain procedures, and conducting standard laboratory test. Topics of study include ethics, infection control, communication, basic anatomy and physiology and medical terminology. Professional responsibilities include assembling equipment, verifying a patient's identity, recording information in a patient's medical records, sterilizing and safely handling equipment, and accurately labeling blood samples in the lab. Students in the Phlebotomy Technician program will be in contact with potential infectious blood tissues, and body fluids. Students must provide proof of current TB skin test, or a clear check X-ray, or a statement from a health care provider indicating student is free from systems of pulmonary tuberculosis. Students must also provide proof of MMR (measles, mumps, & rubella) and Hepatitis B vaccinations. AMT may deny an application if an application has any convictions involving a felony. Courses in the program and clinical sites may require additional vaccinations or other medical test. See specific course descriptions in the catalog for information or contact the advisor of this program.

#### Degree Map Name

31301 - Phlebotomist Technician Certificate

#### Total Degree Map Credits

14 - 18

#### Degree Map Effective Catalog Year

-

#### Additional information

**Notes:** The is a recommended or suggested sequence of courses. If a student enters the program in the spring or transfers credits in, the course list will have to be modified.

This certificate dictates specific courses that must be taken to meet the General Education requirements. All courses must be completed with a grade of "C" or better - please check the catalog for other changes and requirements.

Upon completion of Phlebotomist Technician Certificate program, students are eligible to sit for the American Medical Technologists (AMT) Certification Examination to be certified as a Registered Phlebotomist Technician (RPT). Total didactic clock hours required for certification is 120 hours plus 50 successful venipunctures and 10 successful capillary punctures from human sources.

To meet the requirements of 16 credits to receive the Phlebotomy Certificate of Proficiency, the optional classes listed in the catalog can be taken either in Spring or Fall semesters depending on when the class is offered.

Courses in the program may require vaccinations or other medical tests. See course descriptions in the catalog for additional information or contact the advisor for this program.

Helpful website: <http://www.americanmedtech.org> (American Medical Technologists)

Year	Semester	Actual Credits
Year 1	Fall	10 - 12
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>HCE112 - Medical Terminology</li> <li>AND HCE186 - Phlebotomy and Clinical Laboratory</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		4
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>HCE100 - Basic Health Care Concepts and Skills</li> <li>OR</li> <li>NUR100 - Nursing Assistant</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		4 - 6
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>HCE101 - Basic Life Support</li> <li>OR</li> <li>EMT122 - First Aid and CPR</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		2
Year	Semester	Actual Credits
Year 1	Spring	4 - 6
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>HCE189 - Phlebotomy Certification Review</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		2
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>HCE114 - Math for Medications (Inactive)</li> <li>OR</li> <li>HCE116 - Medical Dosage Calculations</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		-
<b>Actual Credits</b>		2

<b>Requirement Select</b>	
<ul style="list-style-type: none"> <li>Phlebotomist Technician Certificate</li> </ul>	
<b>Course Requirement Group</b>	
<b>Area</b>	Minor
<b>Actual Credits</b>	0 - 2
<b>Total General Education Credits</b>	
0	<b>Core Curriculum Credits</b>
	12 - 14
<b>Related Curriculum Credits</b>	
0 - 2	<b>Total Elective Credits</b>
	0

Degree Map/Curriculum (click on PDF link below)

[31301 Phlebotomist Tech Certificate.pdf](#)

## Medical Billing and Coding Specialist, Certificate

### General

Degree Designation  
Certificate

CIP Code  
51.0713

Advisor  
Jennifer Williams  
Program Description

This certificate prepares individuals for diagnostic and procedural coding and billing positions in settings such as clinics, physician offices, hospitals, managed care organizations, private billing, or insurance companies. This certificate is a continuation of stackable credentials, the first being the Medical Records Specialists Certificate, that a student may also complete, to assist and prepare the student to transfer to a college or university and pursue a baccalaureate degree. The program includes theoretical and laboratory instruction as well as professional practice affiliation. This certification will also prepare students to begin careers as professional coders and/or billers and prepare students for AHIMA (American Health Information Management Association) certification. AHIMA will allow students the opportunity to prepare to take specific coding and/or billing certifications.

**Degree Map Name**  
31302 - Medical Billing and Coding Specialist Certificate  
**Total Degree Map Credits**  
33 - 37  
**Degree Map Effective Catalog Year**  
-

**Additional Information**  
**Notes:** The is a recommended or suggested sequence of courses and this program is only offered beginning each Fall semester.

This certificate dictates specific courses that must be taken to meet the General Education requirements. All courses must be completed with a grade of "C" or better - please check the catalog for other changes and requirements.

Year	Semester	Actual Credits
Year 1	Fall	17 - 21
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>BIO160 - Introduction to Human Anatomy and Physiology</li> <li>OR</li> <li>BIO201 - Human Anatomy and Physiology I</li> <li>AND BIO202 - Human Anatomy and Physiology II</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	General Education	
<b>Actual Credits</b>	4 - 8	

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>HCE102 - Introduction to Health Information Management</li> <li>AND HCE103 - Computers in Healthcare</li> <li>AND HCE181 - Medical Claims Processing</li> <li>AND HCE112 - Medical Terminology</li> <li>AND HCE171 - Introduction to Pharmacology</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	Major	
<b>Actual Credits</b>	13	

Year	Semester	Actual Credits
Year 1	Spring	13
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>HCE210 - Introduction to International Classification of Diseases (ICD10)</li> <li>AND HCE212 - Current Procedural Terminology (CPT) I</li> <li>AND HCE214 - Current Procedural Terminology (CPT) II</li> <li>AND HCE190 - Human Body in Health and Disease</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	Major	
<b>Actual Credits</b>	13	

Year	Semester	Actual Credits
Year 1	Summer	3
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>HCE216 - Professional Practice in Coding and Billing</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	Major	
<b>Actual Credits</b>	3	

**Total General Education Credits** 4 - 8  
**Core Curriculum Credits** 29  
**Related Curriculum Credits** 0  
**Total Elective Credits** 0

Degree Map/Curriculum (click on PDF link below)  
[31302 Medical Billing and Coding Specialist Certificate.pdf](#)

## Dental Assisting Specialist, Certificate

### General

Degree Designation  
Certificate

CIP Code  
51.0601

## Medical Records Specialist, Certificate

### General

Degree Designation  
Certificate

CIP Code  
51.0713

Advisor  
Jennifer Williams  
Program Description

This Certificate of Proficiency is a stackable credential, being the first part of the Medical Billing and Coding program which will assist and prepare the student to transfer to a college or university and pursue a baccalaureate degree. Completing these courses increases marketability for a position in a clinic or acute care setting. It is highly recommended that you meet with an advisor listed above to assist you in planning your degree pathway.

**Degree Map Name**  
31304 - Medical Records Specialist Certificate  
**Total Degree Map Credits**  
7 - 21  
**Degree Map Effective Catalog Year**  
-

**Additional Information**  
**Notes:** The is a recommended or suggested sequence of courses. If a student enters the program in the spring or transfers credit in, the course list will have to be modified.

This certificate dictates specific courses that must be taken to meet the General Education requirements. All courses must be completed with a grade of "C" or better - please check the catalog for other changes and requirements.

Courses in the program may require vaccinations or other medical tests. See course descriptions in the catalog for additional information.

Students will be required to complete a minimum of 150 hours in a clinical laboratory setting.

Year	Semester	Actual Credits
Year 1	Fall	7 - 21
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>BIO160 - Introduction to Human Anatomy and Physiology</li> <li>OR</li> <li>BIO201 - Human Anatomy and Physiology I</li> <li>AND BIO202 - Human Anatomy and Physiology II</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	General Education	
<b>Actual Credits</b>	4 - 8	

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>HCE102 - Introduction to Health Information Management</li> <li>AND HCE103 - Computers in Healthcare</li> <li>AND HCE112 - Medical Terminology</li> <li>AND HCE181 - Medical Claims Processing</li> <li>AND HCE171 - Introduction to Pharmacology</li> <li>OR</li> <li>NUR219 - Pharmacology for Nursing</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>	Major	
<b>Actual Credits</b>	3 - 13	

**Total General Education Credits** 4 - 8  
**Core Curriculum Credits** 3 - 13  
**Related Curriculum Credits** 0  
**Total Elective Credits** 0

Degree Map/Curriculum (click on PDF link below)  
[31304 Medical Records Specialist Certificate.pdf](#)

## Physical Therapy Technician (PTTC), Certificate

### General

Degree Designation  
Certificate

CIP Code  
51.0806

Advisor  
Craig Hackett, Seneca Stromberg, Joshua Masner  
Program Description

A Physical Therapy Technician can participate in a variety of healthcare settings such as health practitioners offices, general medical and surgical hospitals, or inpatient and outpatient therapy clinics. Under close supervision of a physical therapist or physical therapy assistant, Physical Therapy Technicians perform only delegated, selected, or routine tasks in specific situations. These duties include preparing the patient and the treatment area.

Degree Map/Curriculum (click on PDF link below)  
[31305 Physical Therapy Technician Certificate.pdf](#)

## General Studies, Associate of General Studies

### General

Degree Designation  
Associate of General Studies

CIP Code  
24.0102

Advisor  
Gina Roebuck, James Pryor  
Program Description

The Associate of General Studies degree (AGS) is available for those students whose preferred degree program of study is not otherwise available at EAC. For example, the AGS degree may be the best choice for you if: You plan to transfer to one of Arizona's public universities and EAC does not offer a degree pathway that matches the first two years of study in the major you wish to pursue. You plan to transfer to a private Arizona college or university or an out-of-state institution and you wish to customize an EAC degree to match the required courses in your major at that school. You do not plan to transfer to another College or University and wish to obtain an associate degree that incorporates a General Education component and lets you select other courses according to your interests. Other than the embedded AGECE, the AGS degree is not included in any transfer agreements and credits earned may be accepted or rejected by a receiving institution. If you plan to transfer upon completion of this degree and since program requirements differ between universities, the official transfer guide ([www.aztransfer.com/transferguides](http://www.aztransfer.com/transferguides)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs.

Degree Map/Curriculum (click on PDF link below)  
[50000 General Studies AGS.pdf](#)

## Bachelor of Music - Music Education, Bachelor's

### General

Degree Designation  
Bachelor's

Advisor  
Gideon Burrows, Marilee Decker, Geoff DeSpain

**Program Description**  
The degree prepares students for careers and certification in public and private education as music teachers in the State of Arizona and for advanced schooling in the pursuit of professional and graduate degrees. This program aligns with the Colleges mission to prepare students to thrive in the complex and ever-changing world of arts education. To successfully pursue collegiate study and a career in music education, you must be able to play at least one instrument well; have some experience and/or training in voice; and possess knowledge of music theory. You must also possess or obtain adequate piano skills. Additionally, students must complete all training and requirements for certification as a public music educator in the State of Arizona. Some courses in the program will require that students pass a background check and maintain an active fingerprint clearance card with the Arizona Department of Public Safety.

<b>Degree Map Name</b>	
Untitled Degree Map	
<b>Total Degree Map Credits</b>	
0	
<b>Degree Map Effective Catalog Year</b>	
-	
<b>Total General Education Credits</b>	<b>Core Curriculum Credits</b>
0	0
<b>Related Curriculum Credits</b>	<b>Total Elective Credits</b>
0	0

Degree Map/Curriculum (click on PDF link below)  
[50401 BM Music Education DRAFT.pdf](#)

## Liberal Studies, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
24.0101

Advisor  
Gina Roebuck  
Program Description

A Liberal Studies Associate of Arts degree is appropriate if you plan to continue your education at a college or university and major in Liberal Arts. If you have not yet decided on a major but know you want to transfer to a four-year college or a university, this degree will fulfill the General Education requirement for many different programs of study. Liberal Studies Faculty Advisors are available to assist you in the selection of courses. Since program requirements differ between universities, the official transfer guide ([www.aztransfer.com/transferguides](http://www.aztransfer.com/transferguides)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs.

Degree Map/Curriculum (click on PDF link below)  
[60000 Liberal Studies AA.pdf](#)

## Organizational Leadership, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
52.0213

Advisor  
Michael Fox, Scott Russell  
Program Description

This Associate of Arts Degree along with an AGECE-A (64 credits total) prepares you to transfer to a college or university and pursue a bachelors degree in Organizational Leadership. Since program requirements differ between universities, the official transfer pathway ([www.aztransfer.com/transferpathways](http://www.aztransfer.com/transferpathways)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs. This degree also satisfies the needs of students - majors and non-majors - who are interested in organizational leadership primarily as a part of a broad liberal education. In addition, the courses provide a background in leadership principles and techniques to enhance work in in such professional fields as education, business, law, and health-related fields. Students often major in organizational leadership to prepare for careers in related fields such as business, law, social work, healthcare, and political science. Note for consideration: The Arizona State University Organizational Leadership program offered at Eastern Arizona College will accept 75 transfer credits toward the 120 credits required for completion.

<b>Degree Map Name</b>		
Organizational Leadership AA		
<b>Total Degree Map Credits</b>		
60		
<b>Degree Map Effective Catalog Year</b>		
-		
<b>Year</b>	<b>Semester</b>	<b>Actual Credits</b>
Year 1	Fall	16
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>CMP103 - Introduction to Computer Based Systems</li> <li>AND BUA200 - Introduction to Organizational Leadership</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		6
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>ENG101 - Written Communications I</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		General Education
<b>Actual Credits</b>		3
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>Business Curriculum Related Requirements (AIS, BUA, BUS, COE, or SBM)</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Minor
<b>Actual Credits</b>		3
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>Natural Sciences (Transfer)</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		General Education
<b>Actual Credits</b>		4
<b>Year</b>	<b>Semester</b>	<b>Actual Credits</b>
Year 1	Spring	15
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>BUA210 - Society and Business</li> <li>AND BUA151 - Scheduling and Cost Estimating</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Major
<b>Actual Credits</b>		6
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>ENG102 - Written Communications II</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		General Education
<b>Actual Credits</b>		3
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>Business Curriculum Related Requirements (AIS, BUA, BUS, COE, or SBM)</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		Minor
<b>Actual Credits</b>		3
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>Social and Behavioral Sciences (Transfer)</li> </ul>		
<b>Course Requirement Group</b>		
<b>Area</b>		General Education
<b>Actual Credits</b>		3
<b>Year</b>	<b>Semester</b>	<b>Actual Credits</b>
Year 2	Fall	16

## Secondary Education, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
13.1202

Advisor  
Celinda Palmer  
Program Description

EAC offers many curricula that provide the first two years of a four-year program leading to a bachelors degree and a secondary teaching certificate. Secondary education is by nature discipline specific. You should choose a university and a discipline you wish to teach as quickly as possible. Then obtain the catalog and/or transfer guide from that institution and follow their curriculum as closely as possible. Rather than this degree, you may wish to obtain the EAC Liberal Arts degree or discipline specific EAC degree if these allow you to more closely follow the curriculum at your chosen transfer institution. Degree Map/Curriculum (click on PDF link below)  
[60202 Secondary Ed AA.pdf](#)

<b>Requirement Select</b> <ul style="list-style-type: none"> <li>BUA259 - Business Communications</li> </ul>		
<b>Course Requirement Group</b> Area Major Actual Credits 3		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>Business Curriculum Related Requirements (AIS, BUA, BUS, COE, or SBM)</li> </ul>		
<b>Course Requirement Group</b> Area Minor Actual Credits 3		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>Institutions of the Americas (Transfer)</li> </ul>		
<b>Course Requirement Group</b> Area General Education Actual Credits 3		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>Natural Sciences (Transfer)</li> </ul>		
<b>Course Requirement Group</b> Area General Education Actual Credits 4		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>Arts and Humanities (Transfer)</li> </ul>		
<b>Course Requirement Group</b> Area General Education Actual Credits 3		
Year	Semester	Actual Credits
Year 2	Spring	13
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>MAT140 - College Mathematics</li> </ul>		
<b>Course Requirement Group</b> Area General Education Actual Credits 3		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>Social and Behavioral Sciences (Transfer)</li> </ul>		
<b>Course Requirement Group</b> Area General Education Actual Credits 3		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>Arts and Humanities (Transfer)</li> </ul>		
<b>Course Requirement Group</b> Area General Education Actual Credits 3		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>Elective or Better - <a href="http://www.aztransfer.com">www.aztransfer.com</a></li> </ul>		
<b>Course Requirement Group</b> Area Elective Actual Credits 4		
<b>Total General Education Credits</b>		<b>Core Curriculum Credits</b>
32		15
<b>Related Curriculum Credits</b>		<b>Total Elective Credits</b>
9		4

Degree Map/Curriculum (click on PDF link below)  
[60102 Organizational Leadership AA DRAFT.pdf](#)

## Elementary Education, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
13.1202

Advisor  
Celinda Palmer  
Program Description

If you plan a career in elementary or special education you can complete your first two years of study at EAC. Some universities now require a minor that can be started at EAC. Consult with department staff at the school where you plan to transfer for specific information. Since program requirements differ between universities, the official transfer guide ([www.aztransfer.com/transferguides](http://www.aztransfer.com/transferguides)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs.

Degree Map/Curriculum (click on PDF link below)  
[60201 Elementary Education AA.pdf](#)

English, Associate of Arts

General

Degree Designation  
Associate of Arts

CIP Code  
23.1301

Advisor  
Ken Raines, Mary Ann Larson

Program Description  
This degree provides a foundation in written communications and familiarity with literary forms and major literary works. Since program requirements differ between universities, consult the official transfer guide ([www.aztransfer.com/transferguides](http://www.aztransfer.com/transferguides)) of the school which you plan to attend upon leaving EAC in order to adjust this program to your personal needs.

Degree Map Name  
60203 - English AA Degree  
Total Degree Map Credits  
57 - 58  
Degree Map Effective Catalog Year  
-

Additional information  
**NOTES:** The following is a recommended or suggested sequence of courses. If a student enters the program in the Spring, or transfer credit in, then the sequence would have to be modified.

This degree dictates specific courses to meet the General Education requirements. All courses must be completed with a grade of "C" or better - Be sure to check the catalog for other changes and requirements.

Any developmental courses (such as ENG090, ENG 091, ENG100, and MAT100) must be taken in addition to those recommended for the first semester as prerequisites for later courses.

**Foreign Language Requirements:** To obtain this degree, you must demonstrate proficiency in a foreign language at the 202 course-level. Students who can demonstrate Spanish or French language proficiency at an appropriate level in an evaluation by the Languages Department Faculty may not be required to take one or more prerequisite courses in the language sequence. In this case, the remaining credits from the curriculum requirements will be filled as elective credits in order to reach the minimum number of credits required for earning this associate's degree.

Year	Semester	Actual Credits
Year 1	Fall	14 - 15
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>ENG101 - Written Communications I</li> </ul>		
<b>Course Requirement Group</b> Area: General Education Actual Credits: 3		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>English AA Degree (Arts &amp; Humanities)</li> </ul>		
<b>Course Requirement Group</b> Area: General Education Actual Credits: 3		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>Quantitative Reasoning (Transfer)</li> </ul>		
<b>Course Requirement Group</b> Area: General Education Actual Credits: 3 - 4		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>FRE101 - Elementary French I OR SPA101 - Elementary Spanish I</li> </ul>		
<b>Course Requirement Group</b> Area: General Education Actual Credits: 4		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>Elective or Better - <a href="http://www.aztransfer.com">www.aztransfer.com</a></li> </ul>		
<b>Course Requirement Group</b> Area: Elective Actual Credits: 1		
Year	Semester	Actual Credits
Year 1	Spring	14
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>ENG102 - Written Communications II</li> </ul>		
<b>Course Requirement Group</b> Area: General Education Actual Credits: 3		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>FRE102 - Elementary French II OR SPA102 - Elementary Spanish II</li> </ul>		
<b>Course Requirement Group</b> Area: Elective Actual Credits: 4		

<b>Requirement Select</b> <ul style="list-style-type: none"> <li>Arts and Humanities (Transfer)</li> </ul>		
<b>Course Requirement Group</b> Area: General Education Actual Credits: 3		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>Natural Sciences (Transfer)</li> </ul>		
<b>Course Requirement Group</b> Area: General Education Actual Credits: 4		
Year	Semester	Actual Credits
Year 2	Fall	16
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>English AA Degree (Literature Curriculum Requirements)</li> </ul>		
<b>Course Requirement Group</b> Area: Major Actual Credits: 6		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>FRE201 - Intermediate French I OR SPA201 - Intermediate Spanish I</li> </ul>		
<b>Course Requirement Group</b> Area: Elective Actual Credits: 4		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>Social and Behavioral Sciences (Transfer)</li> </ul>		
<b>Course Requirement Group</b> Area: General Education Actual Credits: 3		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>Institutions of the Americas (Transfer)</li> </ul>		
<b>Course Requirement Group</b> Area: General Education Actual Credits: 3		
Year	Semester	Actual Credits
Year 2	Spring	13
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>English AA Degree (Literature Curriculum Requirements)</li> </ul>		
<b>Course Requirement Group</b> Area: Major Actual Credits: 6		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>English AA Degree (Creative Writing)</li> </ul>		
<b>Course Requirement Group</b> Area: Major Actual Credits: -		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>FRE202 - Intermediate French II OR SPA202 - Intermediate Spanish II</li> </ul>		
<b>Course Requirement Group</b> Area: Elective Actual Credits: 4		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>Social and Behavioral Sciences (Transfer)</li> </ul>		
<b>Course Requirement Group</b> Area: General Education Actual Credits: 3		
<b>Total General Education Credits</b> 32 - 33		<b>Core Curriculum Credits</b> 12
<b>Related Curriculum Credits</b> 0		<b>Total Elective Credits</b> 13

Degree Map/Curriculum (click on PDF link below)  
60203 English AA.pdf

## Languages, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
16.0101

Advisor  
Bryan McBride, Tonka Curtis

#### Program Description

Language study at EAC prepares you for careers in business, education, international relations, translation, social work, transportation, journalism and many other areas. Many Language majors go on to professional schools (law, medicine, dentistry and business). Language students gain an appreciation of other cultures, which enhances their understanding of their own culture. Since program requirements differ between universities, the official transfer guide ([www.aztransfer.com/transferguides](http://www.aztransfer.com/transferguides)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs.

Degree Map/Curriculum ([click on PDF link below](#))

[60205 Languages AA.pdf](#)

## Communication Studies, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
09.0101

Advisor  
Ben Brandley

#### Program Description

This degree prepares students to transfer to a college or university and pursue a bachelors degree in Communication Studies or Organizational Communication. Emphasis is placed on becoming a Communication Generalist with classes offering a broad introduction to the field of Communication. Courses range from the theoretical bases and trends in research in the field to interpersonal, small group, intercultural, interviewing, and public speaking, and they reflect the core requirements of most universities. Classes are also appropriate for returning students desiring to brush up on communication skills or gain a better understanding of communication processes. This major focuses on thoughtful construction and delivery of verbal messages and critical thinking, preparing students to be more successful participants in their community, employment, and interactions with others. The study of communication is relevant to all other academic fields and career interests.

Degree Map/Curriculum ([click on PDF link below](#))

[60206 COMMUNICATION STUDIES AA.pdf](#)

## Art, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
50.0402

Advisor  
Holt Brasher

#### Program Description

This curriculum provides the first two years of a four-year program in art at a professional art school or at a college of fine arts at one of the states public universities. Upon completion of one of these degrees at EAC, you will be able to transfer into a four-year college or university program. Since program requirements differ between universities, the official transfer pathway (<https://aztransmac2.asu.edu/cgi-bin/WebObjects/ATASS.woa/wa/MajorGuidesNavAZ?School=EAC>) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs. If you plan to terminate formal education after attending EAC and seek employment immediately upon graduation, the EAC Advertising Design curriculum may be a better choice than these degrees. You are advised to take one or more art courses before making serious plans for a career in art.

Degree Map/Curriculum ([click on PDF link below](#))

[60402 ART AA.pdf](#)

## Music, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
50.0901

Advisor  
Geoffery Despain, Franklin Alvarez

#### Program Description

Instrumental: Franklin Alvarez, Geoff DeSpain Piano; Chase Moore Vocal; Gideon Burrows The degree meets the requirements for a bachelor's degree from a music department at a university, provided you take four semesters of applied music instruction and make satisfactory progress on your major instrument (voice or instrument). Since program requirements differ between universities, the official transfer pathway ([www.aztransfer.com/transferpathways](http://www.aztransfer.com/transferpathways)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs. To successfully pursue a college career in music education, you must be able to play at least one instrument well; have some experience and/or training in voice, and possess knowledge of music theory. You must also possess or obtain adequate piano skills.

Degree Map/Curriculum ([click on PDF link below](#))

[60403 Music AA.pdf](#)

## Theatre Arts, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
50.0501

Advisor  
Jeff Skiba

#### Program Description

This degree provides the first two years of a four-year program in Theatrical Arts. Since program requirements differ between universities, the official transfer guide ([www.aztransfer.com/transferguides](http://www.aztransfer.com/transferguides)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs. At EAC you may gain experience in acting, scene design, make-up, costume design, childrens theatre, educational theatre, and theory and criticism.

Degree Map/Curriculum ([click on PDF link below](#))

[60404 Theatre Arts AA.pdf](#)

## Media Communications, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
50.0601

Advisor  
Glen Cashetta

#### Program Description

This program prepares students for entry-level employment in the media communications industry and allows for transfer into a 4-year film program. Students will have the opportunity to develop skills in film production, audio, lighting, cinematography, and editing. Students will also complete courses that will provide them with the basics of film as an artform with classes encompassing film history, theory and aesthetics. By completion of the program, students will have developed and produced various video projects.

Degree Map/Curriculum ([click on PDF link below](#))

[60405 MDC AA.pdf](#)

## Health and Physical Education, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
31.0501

Advisor  
Craig Hackett, Marci Lopeman

#### Program Description

Recipients of this degree are prepared to pursue a major in Health or Physical Education and minor in Biology or Physical Science at a four-year college or university. Since program requirements differ between universities, the official transfer guide ([www.aztransfer.com/transferguides](http://www.aztransfer.com/transferguides)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs. A high school background in sports, biology and chemistry is helpful.

Degree Map/Curriculum ([click on PDF link below](#))

[60501 Health Physical Education AA.pdf](#)

## Sports Medicine Professions, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
31.0501

Advisor  
Craig Hackett, Seneca Stromberg

Program Description  
Recipients of this degree are prepared to pursue a major in Athletics Training, Wellness, Kinesiology, or related Sports Medicine degree at a four-year college or university. Since program requirements differ between universities, the official transfer guide ([www.aztransfer.com/transferguides](http://www.aztransfer.com/transferguides)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs.

Degree Map Name  
60502 - Sports Medicine Professions AA Degree  
Total Degree Map Credits  
62  
Degree Map Effective Catalog Year  
-

Additional information  
\*Students who successfully complete HHP 120 & HHP 121 are eligible to take the Physical Therapy Technician Certification exam.

\*\* If students are pursuing a degree in Athletic Training, you should take the following Core:Curriculum courses: HHP 278, HHP 292, and HHP 293 OR HHP 294, OR HHP 295.

Notes: The is a recommended or suggested sequence of courses. If a student enters the program in the spring or transfers credit in, the course list will have to be modified.

This degree dictates specific courses that must be taken to meet the General Education requirements. All courses must be completed with a grade of "C" or better - please check the catalog for other changes and requirements.

Year	Semester	Actual Credits
Year 1	Fall	16
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>ENG101 - Written Communications I</li> <li>AND MAT140 - College Mathematics</li> <li>AND PSY101 - Introduction to Psychology</li> <li>AND CHM130 - Fundamental Chemistry</li> </ul>		
<b>Course Requirement Group</b> Area: General Education Actual Credits: 13		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>HHP292 - Athletic Training Practicum I</li> </ul>		
<b>Course Requirement Group</b> Area: Major Actual Credits: 3		

Year	Semester	Actual Credits
Year 1	Spring	16
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>ENG102 - Written Communications II</li> </ul>		
<b>Course Requirement Group</b> Area: General Education Actual Credits: 3		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>HHP270 - Introduction to Sports Medicine</li> <li>AND HHP210 - Introduction to Exercise Science and Physical Education</li> <li>AND HHP293 - Athletic Training Practicum II</li> </ul>		
<b>Course Requirement Group</b> Area: Major Actual Credits: 9		

<b>Requirement Select</b> <ul style="list-style-type: none"> <li>Arts and Humanities (Transfer)</li> </ul>		
<b>Course Requirement Group</b> Area: General Education Actual Credits: 3		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>HHP120 - Physical Therapy Tec Skills I</li> </ul>		
<b>Course Requirement Group</b> Area: Minor Actual Credits: 1		

Year	Semester	Actual Credits
Year 2	Fall	15
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>BIO201 - Human Anatomy and Physiology I</li> </ul>		
<b>Course Requirement Group</b> Area: General Education Actual Credits: 4		

<b>Requirement Select</b> <ul style="list-style-type: none"> <li>PHY111 - General Physics I</li> <li>AND HHP278 - Kinetic Anatomy</li> <li>AND HHP200 - Introduction to Health Advocacy</li> </ul>		
<b>Course Requirement Group</b> Area: Major Actual Credits: 10		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>HHP121 - Physical Therapy Tech Skills II</li> </ul>		
<b>Course Requirement Group</b> Area: Minor Actual Credits: 1		
Year	Semester	Actual Credits
Year 2	Spring	15
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>HHP100 - Personal Health</li> </ul>		
<b>Course Requirement Group</b> Area: General Education Actual Credits: 3		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>HHP274 - Sports Nutrition</li> <li>AND HHP276 - Sports Psychology</li> </ul>		
<b>Course Requirement Group</b> Area: Major Actual Credits: 6		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>Institutions of the Americas (Transfer)</li> </ul>		
<b>Course Requirement Group</b> Area: General Education Actual Credits: 3		
<b>Requirement Select</b> <ul style="list-style-type: none"> <li>Arts and Humanities (Transfer)</li> </ul>		
<b>Course Requirement Group</b> Area: General Education Actual Credits: 3		
<b>Total General Education Credits</b>		<b>Core Curriculum Credits</b>
32		28
<b>Related Curriculum Credits</b>		<b>Total Elective Credits</b>
2		0

Degree Map/Curriculum (click on PDF link below)  
[60502 Sports Medicine Professions AA.pdf](#)

## Forestry, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
03.0501

Advisor  
Nathan Cline

Program Description  
This degree prepares students to transfer to a college or university and pursue a bachelor's degree in forestry. This degree also prepares students for a number of jobs in forestry and the forest products industry. A strong high school background in Mathematics and Chemistry is recommended.

Since program requirements differ between universities, the official transfer pathway ([www.aztransfer.com/transferpathways](http://www.aztransfer.com/transferpathways)) of the school which students plan to attend upon leaving EAC should be consulted in order to adjust this program to students personal needs. A Forestry bachelor's degree is currently offered in Arizona only at Northern Arizona University.

Degree Map/Curriculum (click on PDF link below)  
[60703 Forestry AA.pdf](#)

## Administration of Justice, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
43.0103

Advisor  
Kris Matthews  
Program Description

This degree prepares you to transfer to a college or university and pursue a bachelors degree in Administration of Justice. Since program requirements differ between universities, the official transfer pathway ([www.aztransfer.com/transferpathways](http://www.aztransfer.com/transferpathways)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs. This degree is also suitable if you are currently employed in law enforcement or an allied public service profession and wish to improve your knowledge and skills. If you successfully complete AJS 117 and AJS 217 and graduate from the Law Enforcement Training Academy or provide proof of graduating from an AZ POST police academy, you will have fulfilled the following courses toward an Administration of Justice degree. AJS 103 - Criminal Investigation AJS 155 - Firearms AJS 202 - Substantive Criminal Law AJS 220 - Procedural Criminal Law AJS 266 - The Police Function AJS 270 - Evidence EMT 121 - Cardiopulmonary Resuscitation HPE 104 - Physical Conditioning Assessment I HPE 105 - Physical Conditioning Assessment II If you provide proof of graduating from the Arizona Department of Corrections Training Academy (COTA), or have received the Introduction to Correctional Techniques I and Introduction to Correctional Techniques II certificates from the Federal Bureau of Prisons and the Federal Law Enforcement Training Center (FLETC), you will have fulfilled the following courses toward an Administration of Justice degree. AJS 130 - The Correction Function AJS 155 - Firearms EMT 121 - Cardiopulmonary Resuscitation HPE 104 - Physical Conditioning Assessment I  
Degree Map/Curriculum (click on PDF link below)  
[60801 AJS AA-SR.pdf](#)

## History, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
54.0101

Advisor  
Patrick Lukens  
Program Description

This degree prepares you to transfer to a four-year college or university and pursue a bachelors degree in history. In addition to teaching, history provides excellent background for entering law school or for pursuing any type of social or government work. Also, some recent trends suggest history majors are being hired for business because of the need for people who are trained in reading primary source material, synthesizing what they read, and applying it in problem-solving situations. Since program requirements differ between universities, the official transfer guide ([www.aztransfer.com/transferguides](http://www.aztransfer.com/transferguides)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs.  
Degree Map/Curriculum (click on PDF link below)  
[60803 History AA.pdf](#)

## History, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
54.0101

## Political Science, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
45.1001

Advisor  
Patrick Lukens  
Program Description

This degree provides the first two years of a four-year bachelors degree program in political science. Upon obtaining this AA degree you could enter a college of education and obtain a bachelors degree and a secondary teachers certificate; or enter a college of liberal arts and complete a bachelors degree in political science. Following this, you might enter law school, employment in government or enter graduate school for further and more specialized work in political science. Since program requirements differ between universities, the official transfer guide ([www.aztransfer.com/transferguides](http://www.aztransfer.com/transferguides)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs.  
Degree Map/Curriculum (click on PDF link below)  
[60804 Political Science AA.pdf](#)

## Psychology, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
42.0101

Advisor  
Nan Pennington  
Program Description

This degree specifies courses that satisfy the AGECE transfer pathway for an AA-SR degree. The Psychology courses identified in the Curriculum Requirements and the General Education Requirements also satisfy the preparatory major requirements for a baccalaureate degree in Psychology. Since program requirements differ between universities, the official transfer pathway ([www.aztransfer.com/transferpathways](http://www.aztransfer.com/transferpathways)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs. This degree also satisfies the needs of students - majors and non-majors - who are interested in psychology primarily as a part of a broad liberal education. In addition, the courses provide a background in psychological principles and techniques to enhance work in other Social Sciences and in such professional fields as education, business, law enforcement, and health-related fields. Students often major in psychology to prepare for careers in related fields such as personnel relations, occupational and personal counseling, medicine and dentistry, social and case work, marketing, administration, the legal profession, or counseling and teaching in the public schools. Others plan on graduate work in psychology. Graduate training in psychology prepares you for a career as an academic psychologist (teaching and research), clinical psychologist (mental health centers, institutions, and private practice), industrial and organizational psychologist, and government psychologist (research, administration, testing). High school preparation should include courses in Social Sciences as well as the natural sciences (such as biology and chemistry). A proficiency in algebra is highly desirable. In general, the broad liberal arts education that prepares you for college studies is appropriate for majoring in Psychology at Eastern Arizona College. The Associate of Arts in Psychology has four tracks to choose from. Students should check the foreign language and other requirements for the four-year program to which they plan to transfer, before selecting a track. AA in Psychology (General Track) AA in Psychology (Foreign Language Requirement Track) AA in Psychology (Social Work Track) AA in Psychology (Social Work transfer to NAU 75/45 Track)  
Degree Map/Curriculum (click on PDF link below)  
[60806 Psychology AA.pdf](#)

## Sociology, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
45.1101

Advisor  
Travis Catt  
Program Description

This degree prepares students for careers requiring a general AA degree, entry level social services work, or transfer to a 4 year college program leading to a Bachelor's degree. Since program requirements differ between universities official transfer pathway ([www.aztransfer.com/transferpathways](http://www.aztransfer.com/transferpathways)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs.  
Degree Map/Curriculum (click on PDF link below)  
[60807 Sociology AA.pdf](#)

## Early Childhood Education, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
13.1210

Advisor  
Susan Norton  
Program Description

The Early Childhood Education Associate of Arts degree is intended for students who desire to further their education and complete a Bachelor of Arts degree from a university. This degree can lead to teacher certification and builds on the requirements for the National Credential or CDA and prepares students to meet the AZ Department of Education early childhood education content requirements. The general education requirements provides students with the required courses to fulfill the AGECE-A.  
Degree Map/Curriculum (click on PDF link below)  
[60808 ECE AA.pdf](#)

## Personal Trainer, Associate of Arts

### General

Degree Designation  
Associate of Arts

CIP Code  
51.0913

Advisor  
Craig Hackett, Senecca Stromberg  
Program Description

This Associate of Arts Degree is an extension of the Personal Training Certificate offered in conjunction with the National Academy of Sports Medicine. Completing these courses increases marketability as a certified personal trainer and prepares you to transfer to a college or university and pursue a baccalaureate degree. It is highly recommended that you meet with an advisor listed above to assist you in planning your degree pathway.  
Degree Map/Curriculum (click on PDF link below)  
[61301 Personal Trainer AA.pdf](#)

**Business Administration, Associate of Business**

**General**

Degree Designation  
Associate of Business

CIP Code  
52.0201

Advisor  
Michael Fox

**Program Description**

This degree prepares students to transfer to a college or university and pursue a bachelors degree in Business Administration. Upon obtaining the bachelors degree, you are prepared for employment in fields such as Accounting, Computer Information Systems, Economics, Finance, Management or Marketing. Since program requirements differ between universities, the official transfer guide ([www.aztransfer.com/transferguides](http://www.aztransfer.com/transferguides)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs.

**Degree Map Name**  
Business Administration ABus  
**Total Degree Map Credits**  
60  
**Degree Map Effective Catalog Year**  
-

Year	Semester	Actual Credits
Year 1	Fall	15

**Requirement Select**

- BUA233 - Uses of Accounting Information I
- AND BUA259 - Business Communications
- AND CMP103 - Introduction to Computer Based Systems

**Course Requirement Group**

**Area** Major  
**Actual Credits** 9

**Requirement Select**

- ENG101 - Written Communications I

**Course Requirement Group**

**Area** General Education  
**Actual Credits** 3

**Requirement Select**

-

**Course Requirement Group**

**Area** -  
**Actual Credits** -

**Requirement Select**

- Business Curriculum Related Requirements (AIS, BUA, BUS, COE, or SBM)

**Course Requirement Group**

**Area** Minor  
**Actual Credits** 3

Year	Semester	Actual Credits
Year 1	Spring	16

**Requirement Select**

- BUA243 - Uses of Accounting Information II
- AND BUA245 - Legal Environment of Business

**Course Requirement Group**

**Area** Major  
**Actual Credits** 6

**Requirement Select**

- ENG102 - Written Communications II
- AND MAT210 - Elements of Calculus

**Course Requirement Group**

**Area** General Education  
**Actual Credits** 7

**Requirement Select**

- Arts and Humanities (Transfer)

**Course Requirement Group**

**Area** General Education  
**Actual Credits** 3

Year	Semester	Actual Credits
Year 2	Fall	16

**Requirement Select**

- BUA220 - Business Statistics

**Course Requirement Group**

**Area** Major  
**Actual Credits** 3

**Requirement Select**

- BUA221 - Principles of Macroeconomics

**Course Requirement Group**

**Area** General Education  
**Actual Credits** 3

**Requirement Select**

- Social and Behavioral Sciences (Transfer)

**Course Requirement Group**

**Area** General Education  
**Actual Credits** 3

**Requirement Select**

- Arts and Humanities (Transfer)

**Course Requirement Group**

**Area** General Education  
**Actual Credits** 3

**Requirement Select**

- Natural Sciences (Transfer)

**Course Requirement Group**

**Area** General Education  
**Actual Credits** 4

Year	Semester	Actual Credits
Year 2	Spring	13

**Requirement Select**

- BUA223 - Principles of Microeconomics

**Course Requirement Group**

**Area** General Education  
**Actual Credits** 3

**Requirement Select**

- BUA289 - Business Capstone

**Course Requirement Group**

**Area** Major  
**Actual Credits** 3

**Requirement Select**

- Natural Sciences (Transfer)

**Course Requirement Group**

**Area** General Education  
**Actual Credits** 4

**Requirement Select**

- Institutions of the Americas (Transfer)

**Course Requirement Group**

**Area** General Education  
**Actual Credits** 3

<b>Total General Education Credits</b>	36	<b>Core Curriculum Credits</b>	21
<b>Related Curriculum Credits</b>	3	<b>Total Elective Credits</b>	0

Degree Map/Curriculum (click on PDF link below)  
[70101 Business Administration ABus.pdf](#)

## Management Information Systems, Associate of Business

### General

Degree Designation  
Associate of Business

CIP Code  
11.0401

Advisor  
Michael Fox, Dana Barnett  
Program Description

This degree prepares you to transfer to a college or university and pursue a bachelors degree in Management Information Systems. Since program requirements differ between universities, the official transfer guide ([www.aztransfer.com/transferguides](http://www.aztransfer.com/transferguides)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs. Upon completion of a four-year program at a college or university, you will be prepared for employment as a: Computer specialist in marketing, finance and accounting Systems analyst and designer Information system consultant and computer auditor Applications designer and programmer Networking system designer and manager

Degree Map Name  
Management Information Systems ABus  
Total Degree Map Credits  
60  
Degree Map Effective Catalog Year  
-

Year	Semester	Actual Credits
Year 1	Fall	15
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• BUA233 - Uses of Accounting Information I</li> <li>• AND BUA259 - Business Communications</li> <li>• AND CMP103 - Introduction to Computer Based Systems</li> </ul>		
<b>Course Requirement Group</b>		
Area	Major	
Actual Credits	9	

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• ENG101 - Written Communications I</li> </ul>		
<b>Course Requirement Group</b>		
Area	General Education	
Actual Credits	3	

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• Arts and Humanities (Transfer)</li> </ul>		
<b>Course Requirement Group</b>		
Area	General Education	
Actual Credits	3	

Year	Semester	Actual Credits
Year 1	Spring	16
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• BUA243 - Uses of Accounting Information II</li> <li>• AND BUA245 - Legal Environment of Business</li> <li>• AND CMP201 - Systems and Procedures</li> </ul>		
<b>Course Requirement Group</b>		
Area	Major	
Actual Credits	9	

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• ENG102 - Written Communications II</li> <li>• AND MAT210 - Elements of Calculus</li> </ul>		
<b>Course Requirement Group</b>		
Area	General Education	
Actual Credits	7	

Year	Semester	Actual Credits
Year 2	Fall	16
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• BUA221 - Principles of Macroeconomics</li> </ul>		
<b>Course Requirement Group</b>		
Area	General Education	
Actual Credits	3	

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• BUA220 - Business Statistics</li> </ul>		
<b>Course Requirement Group</b>		
Area	Major	
Actual Credits	3	

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• Social and Behavioral Sciences (Transfer)</li> </ul>		
<b>Course Requirement Group</b>		
Area	General Education	
Actual Credits	3	

<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• Arts and Humanities (Transfer)</li> </ul>		
<b>Course Requirement Group</b>		
Area	General Education	
Actual Credits	3	
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• Natural Sciences (Transfer)</li> </ul>		
<b>Course Requirement Group</b>		
Area	General Education	
Actual Credits	4	
Year	Semester	Actual Credits
Year 2	Spring	13
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• BUA223 - Principles of Microeconomics</li> </ul>		
<b>Course Requirement Group</b>		
Area	General Education	
Actual Credits	3	
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• BUA289 - Business Capstone</li> </ul>		
<b>Course Requirement Group</b>		
Area	Major	
Actual Credits	3	
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• Natural Sciences (Transfer)</li> </ul>		
<b>Course Requirement Group</b>		
Area	General Education	
Actual Credits	4	
<b>Requirement Select</b>		
<ul style="list-style-type: none"> <li>• Institutions of the Americas (Transfer)</li> </ul>		
<b>Course Requirement Group</b>		
Area	General Education	
Actual Credits	3	
<b>Total General Education Credits</b>		<b>Core Curriculum Credits</b>
36		24
<b>Related Curriculum Credits</b>		<b>Total Elective Credits</b>
0		0

Degree Map/Curriculum (click on PDF link below)  
70102 Management Information Systems ABus.pdf

## Biological Science, Associate of Science

### General

Degree Designation  
Associate of Science

CIP Code  
26.0101

Advisor  
Nathan Cline  
Program Description

This degree will meet the requirements for the first two years of a four-year program in a college of arts and science at Arizonas public universities. Upon graduation with this AS Degree, you may enter upper-division work in any one of the life science fields (biology, botany, zoology, or other specialized area). Or you may enter a college of education to major in biological science with the intention of teaching in a secondary school upon completing a bachelors degree and obtaining a teachers certificate. Since program requirements differ between universities, the official transfer guide ([www.aztransfer.org/cas/students/transfer\\_guides.htm](http://www.aztransfer.org/cas/students/transfer_guides.htm)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs.

Degree Map/Curriculum (click on PDF link below)  
80701 Biological Science AS.pdf

## Chemistry, Associate of Science

### General

Degree Designation  
Associate of Science

CIP Code  
40.0501

Advisor  
Duane DeSpain, Joel Shelton  
Program Description

This degree prepares students to transfer to a college or university four- or five-year program leading to a bachelors degree in chemistry. Since program requirements differ between universities, the official transfer guide ([www.aztransfer.org/cas/students/transfer\\_guides.htm](http://www.aztransfer.org/cas/students/transfer_guides.htm)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs. You should enter this curriculum having completed two years of algebra and one year of chemistry in high school or the equivalent college courses.

Degree Map/Curriculum (click on PDF link below)  
80702 Chemistry AS.pdf

## Geology, Associate of Science

### General

Degree Designation  
Associate of Science

CIP Code  
40.0601

Advisor  
David Morris

#### Program Description

The following curriculum will meet the lower-division requirements of most four-year schools in Geology. Upon satisfactory completion of the course work outlined below and graduation with an AS degree from Eastern Arizona College, you may enter upper-division work in any one of several earth science related fields, including general geology, geochemistry, hydrology and geophysics. Since program requirements differ between universities, the official transfer guide ([www.aztransfer.com/transferguides](http://www.aztransfer.com/transferguides)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs. You should have a firm background in mathematics (including algebra, geometry, and trigonometry) and chemistry. Physics is helpful. A deficiency in any of the above areas may necessitate refresher courses before pursuing a geology curriculum.

Degree Map/Curriculum (click on PDF link below)  
[80703 Geology AS.pdf](#)

## Physics, Associate of Science

### General

Degree Designation  
Associate of Science

CIP Code  
40.0801

Advisor  
Karen Preston

#### Program Description

This degree will meet the requirements of the first two years of a four-year program in physics or related fields (physical chemistry, applied mathematics, geophysics, biological physics, pre-medical science, scientific journalism, etc.). Since program requirements differ between universities, the official transfer pathway ([www.aztransfer.com/transferpathways](http://www.aztransfer.com/transferpathways)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs. You should enter this curriculum having completed two years of algebra and one year each of chemistry and physics in high school or the equivalent college courses.

Degree Map/Curriculum (click on PDF link below)  
[80704 Physics AS.pdf](#)

## Wildlife Biology, Associate of Science

### General

Degree Designation  
Associate of Science

CIP Code  
26.0709

Advisor  
Cameron Mower

#### Program Description

This degree provides the first two years of a Bachelor of Science degree in Wildlife Biology or Wildlife Management. Since program requirements differ between universities, the official transfer guide ([www.aztransfer.com/transferguides](http://www.aztransfer.com/transferguides)) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs.

Degree Map/Curriculum (click on PDF link below)

[80710 Wildlife Biology AS.pdf](#)

## Environmental Science, Associate of Science

### General

Degree Designation  
Associate of Science

Advisor  
Nathan Cline

#### Program Description

This degree prepares the student to apply for positions with agencies dealing with the environment, natural resources or the public. The degree will expose students to different aspects of the natural world and various cultures and will provide communication skills.

Degree Map/Curriculum (click on PDF link below)  
[80711 Environmental Science AS.pdf](#)

## Mathematics, Associate of Science

### General

Degree Designation  
Associate of Science

CIP Code  
27.0101

Advisor  
Lucas Johnson, Ray Orr, Cliff Thompson

#### Program Description

This degree will meet the General Education requirements and most of the mathematics requirements for the first two years of a four-year degree in Mathematics. Since program requirements differ between universities, the official transfer pathway ([www.aztransfer.com/transferpathways](http://www.aztransfer.com/transferpathways)) of the school which the student plans to attend upon leaving EAC should be consulted in order to adjust this program to the students personal needs.

Degree Map/Curriculum (click on PDF link below)  
[81101 Mathematics AS.pdf](#)

## Engineering, Associate of Science

### General

Degree Designation  
Associate of Science

CIP Code  
14.0101

Advisor  
Spencer Udall

#### Program Description

This degree is suited for students who desire to complete as much of their first two years of engineering training as possible before transferring into a Bachelor program. Degree options allow the student to specialize in a specific field of engineering, preparing them to enter the university at a Junior level. EAC offers all of the essential courses in mathematics and science, as well as many of the core foundational engineering subjects needed in the first two years of an engineers education.

Degree Map/Curriculum (click on PDF link below)  
[81102 Engineering AS.pdf](#)

## Health Sciences, Pre-Professional Studies, Associate of Science

### General

Degree Designation  
Associate of Science

Advisor  
Craig Hackett, Todd Terhufen

#### Program Description

This degree is designed to prepare students for entry into bachelors and/or graduate level chiropractic, dental, medical, optometry, pharmacy, or physical therapy studies. Please consult the catalog of your destination school to confirm that admission requirements are met.

Degree Map/Curriculum (click on PDF link below)  
[81301 Health Sciences, Pre-professional Studies AS.pdf](#)

## Bachelor of Science - Health Sciences, Bachelor's

### General

Degree Designation  
Bachelor's

Advisor  
Craig Hackett, Cade Kelliher, Jennifer Williams

#### Program Description

This degree prepares students for careers in healthcare leadership, healthcare practice, or advanced schooling in the pursuit of professional degrees. This is an innovative program that will, in alignment with the Colleges mission, prepare students to thrive in the complex and ever-changing world of healthcare. Courses in the program may require vaccinations or other medical tests. See course descriptions for additional information.

Degree Map/Curriculum (click on PDF link below)  
[90501 Health Sciences BS.pdf](#)

## All Courses

### AGR102 - Animal Industry

#### General

Subject code Course Number  
AGR 102

Course Title  
Animal Industry

#### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Upon Request

No Requirements

#### Description

A comprehensive view of the livestock and poultry industries, including the way the science of biology is used in modern livestock practice, focusing on production, marketing, and distribution.

### AGR111 - Principles of Plant Science

#### General

Subject code Course Number  
AGR 111

Course Title  
Principles of Plant Science

#### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

General Education Category  
Natural Sciences

Semester Offered  
Upon Request

No Requirements

#### Description

A comprehensive introduction to plant science and crop technology. Emphasis on plant form and function, plant structure and growth, plant nutrition and management of soil, water, and minerals, and plant reproduction and development.

### AGR127 - Introduction to Controlled Environment Agriculture

#### General

Subject code Course Number  
AGR 127

Course Title  
Introduction to Controlled Environment Agriculture

#### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Upon Request

No Requirements

#### Description

A comprehensive introduction to CEA, focusing on the principles, technologies, and applications used to grow crops in controlled settings. The course covers topics such as environmental control systems, plant growth optimization, nutrient management, and the role of various agriculture technologies. Emphasis is placed on understanding how CEA systems address challenges in resource management, sustainability, and food production, with discussions on the economic and environmental implications of these systems.

### AGR135 - Conservation and Natural Resources

#### General

Subject code Course Number  
AGR 135

Course Title  
Conservation and Natural Resources

#### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

General Education Category  
Natural Sciences

Semester Offered  
Fall and Spring

#### Prerequisites

ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

#### Description

This course discusses the fundamentals of ecology and their relevance to anthropomorphic impacts on ecosystems. This is a liberal studies course for non-science majors with an emphasis on contemporary environmental issues. Identical to BIO 105 without lab.

### AGR150 - Producing Vegetable Crops

#### General

Subject code Course Number  
AGR 150

Course Title  
Producing Vegetable Crops

#### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Upon Request

No Requirements

#### Description

Presents basic and practical knowledge of the principal vegetable crops production, importance, requirements, planting and managing all the cultural practices through the harvest and handling. The successful student shall acquire the following competencies: General overview of production practices throughout the country with material differences noted by region; special crop practices by region; seasonal planning for vegetable growing; and to acquire reliable, complete, coordinated, up-to-date information on the various phases of vegetable growing in the most systematic and convenient manner.

### AGR200 - Soil Science

#### General

Subject code Course Number  
AGR 200

Course Title  
Soil Science

#### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
4

Semester Offered  
Fall and Spring

No Requirements

#### Description

Fundamental principles of soil science: origin, nature and constitution of soils; their chemical, physical, and biological properties in relation to growth and nutrition.

### AGR230 - Gardening and Landscaping

**General**

Subject code Course Number  
 AGR 230

Course Title  
 Gardening and Landscaping

**Credit Hours**

(Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 3

Semester Offered  
 Spring

No Requirements

**Description**  
 Students will learn the basic principles of gardening and landscaping in a desert and semi-arid environment. Conventional and organic gardening principles and practices will be taught. Successful completion of this course will fulfill the training requirements for the University of Arizona Cooperative Extension Master Gardener Program.

### AGR298 - Workshop

**General**

Subject code Course Number  
 AGR 298

Course Title  
 Workshop

**Credit Hours**

(Credit Hours) Min: (Credit Hours) Max:  
 1 3

(Credit Hours) Value:  
 1

Credit Range  
 1 - 3

No Requirements

**Description**  
 Designed to meet a variety of needs for students in Agriculture.

### AGR285 - Establishing and Running an Agribusiness

**General**

Subject code Course Number  
 AGR 285

Course Title  
 Establishing and Running an Agribusiness

**Credit Hours**

(Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 3

Semester Offered  
 Upon Request

No Requirements

**Description**  
 This course will introduce students to economic topics and important Arizona laws relating to plant nurseries, landscaping businesses, and other agribusinesses.

### AGR299 - Independent Study

**General**

Subject code Course Number  
 AGR 299

Course Title  
 Independent Study

**Credit Hours**

(Credit Hours) Min: (Credit Hours) Max:  
 1 3

(Credit Hours) Value:  
 1

Credit Range  
 1 - 3

No Requirements

**Description**  
 Design and execution of original projects under faculty supervision.

### AGR297 - Workshop

**General**

Subject code Course Number  
 AGR 297

Course Title  
 Workshop

**Credit Hours**

(Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 1

No Requirements

**Description**  
 Designed to meet a variety of needs for students in Agriculture.

### AIS108 - Introduction to Keyboarding Technique

**General**

Subject code Course Number  
 AIS 108

Course Title  
 Introduction to Keyboarding Technique

**Credit Hours**

(Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 1

Semester Offered  
 Upon Request

No Requirements

**Description**  
 This course is designed to teach the keyboard and proper keyboarding technique. Identical to CMP 108.

### AIS117 - Electronic Keyboarding I

**General**

Subject code AIS Course Number 117

Course Title Electronic Keyboarding I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

No Requirements

**Description**  
 This course introduces techniques of computer keyboarding with emphasis on touch control, speed, and accuracy. Using a word processing program, the course also introduces the formats of reports, letters, memos, tables, and employment documents.

### AIS237 - Word Processing Applications

**General**

Subject code AIS Course Number 237

Course Title Word Processing Applications

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
 This course provides students with the opportunity to learn word processing for employment purposes or home use and to utilize a microcomputer as a word processor. It is recommended that the student key at a minimum rate of 40 net words per minute.

### AIS118 - Electronic Keyboarding II

**General**

Subject code AIS Course Number 118

Course Title Electronic Keyboarding II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

No Requirements

**Description**  
 After a comprehensive review of basic keyboarding principles with emphasis on improving speed and accuracy as well as developing 10-key skills, students use a word processing program to produce a wide range of typical business correspondence, tables, reports, forms, and publications based on current office practices. At least one semester of keyboarding is recommended.

### AIS238 - Advanced Office Applications

**General**

Subject code AIS Course Number 238

Course Title Advanced Office Applications

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

**Prerequisites**  
 CMP 101 or CMP 103 or instructor approval

**Description**  
 In this project-oriented course, students create documents suitable for professional and personal purposes in the desktop and cloud environment. Prior knowledge of word processing, spreadsheet, and presentation applications is essential. Activities will include using the common Office applications Word, Excel and PowerPoint. Students will also learn to use many of the other Office apps found in Office 365 such as OneDrive, OneNote, Sway, Teams, Forms, and Outlook.

### AIS214 - The Office Professional

**General**

Subject code AIS Course Number 214

Course Title The Office Professional

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
 Study and application of office procedures, skills, and responsibilities that reflect the technological changes, global influences and professionalism of the 21st century office professional. Students will learn to be productive team members, behave ethically, process information via technology, communicate effectively, prepare travel, meeting, and financial documents, lead and supervise others.

### AIS240 - Desktop Publishing

**General**

Subject code AIS Course Number 240

Course Title Desktop Publishing

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
 Emphasizes basic to intermediate skills in desktop publishing through a variety of modern, real-life activities using current versions of Microsoft Publisher and Microsoft Word. Students will develop skills in making design and typography decisions, handling multi-column documents, inserting and editing graphics, and creating styles and charts. Students will create a portfolio of business documents to demonstrate mastery. Word processing skill is needed. Identical to CMP 240.

### AIS241 - Integrated Business Projects

**General**

Subject code AIS Course Number 241

Course Title Integrated Business Projects

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites AIS 238 or instructor approval

Description Reinforces the major office applications found in suite software: word processing, electronic presentations, spreadsheets, and databases. Students use the applications software in real-world situations that show the significance of learning the software and that require decision-making and problem-solving skills. Students will create an administrative professional portfolio.

### AIS297 - Workshop

**General**

Subject code AIS Course Number 297

Course Title Workshop

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 6

(Credit Hours) Value: 1

Credit Range 1 - 6

Semester Offered Upon Request

No Requirements

Activity Yes

Description Designed to meet a variety of needs for students in Administrative Information Services.

### AIS298 - Workshop

**General**

Subject code AIS Course Number 298

Course Title Workshop

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

Description Designed to meet a variety of needs for students in Administrative Information Services.

### AIS299 - Independent Study

**General**

Subject code AIS Course Number 299

Course Title Independent Study

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

Description Design and execution of original projects under faculty supervision.

### AJS101 - Introduction to Criminal Justice

**General**

Subject code AJS Course Number 101 SUN Number AJS 1101

Course Title Introduction to Criminal Justice

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Social and Behavioral Sciences

Semester Offered Fall and Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description An introduction to crime and society's responses to it. Examines the nature and causes of crime, the criminal law, constitutional safeguards, and the organization and operation of the criminal justice system including the police, courts, and corrections. Covers the history of the criminal justice system, terminology, and career opportunities.

### AJS103 - Criminal Investigation

**General**

Subject code AJS Course Number 103

Course Title Criminal Investigation

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

No Requirements

Description This course covers the fundamentals of criminal investigations. The theory of criminal investigations, crime scene procedures, case preparation, interviewing and basic investigative techniques are examined.



## AJS225 - Criminology

### General

Subject code  
AJS

Course Number  
225

Course Title  
Criminology

### Credit Hours

(Credit Hours) Min: 0

(Credit Hours) Max: 0

(Credit Hours) Value:  
3

General Education Category  
Social and Behavioral Sciences

Semester Offered  
Fall and Spring

Prerequisites  
ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
Study of deviance, society's role in defining behavior; theories of criminality and the economic, social, and psychological impact of crime; relationships between statistics and crime trends. Examines crime victimization and the various types of crime and categories of offenders.

## AJS254 - Crime Control

### General

Subject code  
AJS

Course Number  
254

Course Title  
Crime Control

### Credit Hours

(Credit Hours) Min: 0

(Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Fall and Spring

No Requirements

Description  
This course focuses on the research regarding the effectiveness of various crime control programs. It is designed to provide students with a broad analysis of both historic and contemporary crime control strategies implemented by the police, courts, legislators, and the correctional system. It is based upon an emerging perspective that is transforming criminological theory and practice: environmental criminology.

## AJS266 - The Police Function

### General

Subject code  
AJS

Course Number  
266

Course Title  
The Police Function

### Credit Hours

(Credit Hours) Min: 0

(Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Fall and Spring

No Requirements

Description  
This course is a study of who the police are, what they do, and how they do it. It includes basic patrol techniques including stopping, arresting, and handling criminal suspects, methods of police patrol and observation, handling domestic disputes and crisis intervention, and crimes in progress.

## AJS282 - Police Supervision

### General

Subject code  
AJS

Course Number  
282

Course Title  
Police Supervision

### Credit Hours

(Credit Hours) Min: 0

(Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Fall

No Requirements

Description  
A study of the police first line supervisor's role and responsibilities as they relate to leading, directing, and controlling personnel both formally and informally.

## AJS297 - Workshop

### General

Subject code  
AJS

Course Number  
297

Course Title  
Workshop

### Credit Hours

(Credit Hours) Min: 1

(Credit Hours) Max: 6

(Credit Hours) Value:  
1

Credit Range  
1 - 6

No Requirements

Description  
Designed to meet a variety of needs for students in Administration of Justice.

## AMT100 - Introduction to Machining Processes

### General

Subject code  
AMT

Course Number  
100

Course Title  
Introduction to Machining Processes

### Credit Hours

(Credit Hours) Value:  
3

Semester Offered  
Spring

No Requirements

Description  
This course teaches the principles of machining and metal cutting using modern machine tools, precision measuring tools, datum/reference planes, tolerances, and includes an introduction to CNC programming and tooling. Students will learn machining processes for lathe and milling machines.

### AMT101 - Fundamentals of Machining

**General**

Subject code Course Number  
AMT 101

Course Title  
Fundamentals of Machining

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Fall

No Requirements

**Description**  
This course teaches the principles of machining and metal cutting using modern machine tools, hand tools, and precision measuring tools. Students will learn to use an engine lathe, milling machine, metal cutting tools, and a variety of hand held cutting tools.

### AMT110 - Introduction to Fab Lab Technology

**General**

Subject code Course Number  
AMT 110

Course Title  
Introduction to Fab Lab Technology

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
2

Semester Offered  
Fall and Spring

No Requirements

**Description**  
Successful completers of this course will qualify to work in the Fab Lab with supervision. This course introduces participants to concepts and tools used in a Fab Lab environment. Students learn proper safety procedures, machine setup, and operation of key Fab Lab equipment. Participants will work collectively to keep the lab safe, organized, and clean.

### AMT102 - Materials for Industry

**General**

Subject code Course Number  
AMT 102

Course Title  
Materials for Industry

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Fall

No Requirements

**Description**  
This course examines the appropriate use of metals, ceramics, polymers, acrylics, and composites in product manufacturing and fabrication.

### AMT111 - Fab Lab Workshop I

**General**

Subject code Course Number  
AMT 111

Course Title  
Fab Lab Workshop I

**Credit Hours**

(Credit Hours) Value:  
1

Credit Range  
1 - 3

Semester Offered  
Fall and Spring

Prerequisites  
AMT 110 or instructor approval

**Description**  
This workshop allows participants an opportunity to turn an idea into a usable product using Fab Lab machines and equipment. Students will investigate ideas to develop and bring ideas to reality. Students will be supervised and assisted to ensure proper safety procedures are followed, machine setup is correct and guided to ensure correct operation. Students will work collectively to keep the Fab Lab safe, organized, and the workstations cleaned up. Students will also be required to understand associated costs of supplies used in the fabrication process.

### AMT104 - Machining and Fabrication

**General**

Subject code Course Number  
AMT 104

Course Title  
Machining and Fabrication

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
AMT 101 or instructor approval

**Description**  
This course will help students develop an understanding and appreciation of the machine tool industry and the processes which produce metal projects. Focuses on using mills, lathes, and hand tooling to fabricate various products from a variety of metals using precise measurements and holding precise tolerances.

### AMT211 - Fab Lab Workshop II

**General**

Subject code Course Number  
AMT 211

Course Title  
Fab Lab Workshop II

**Credit Hours**

(Credit Hours) Value:  
2

Credit Range  
1 - 3

Semester Offered  
Fall and Spring

Prerequisites  
AMT 111 and DRF 154 or DRF 220 or instructor approval

**Description**  
This workshop allows students an opportunity to turn an idea into a small usable product using EAC Fab Lab equipment and CAD software. Students will investigate, develop, and bring ideas into reality. Students will be supervised and assisted to ensure proper safety procedures are followed and machine set-up is correct. Students will be guided to ensure equipment is used safely and correctly. Fab Lab students will work collectively to keep the Fab Lab safe, organized, and clean. Students will also be required to understand associated costs of supplies used in the fabrication process.

### AMT220 - Advanced Manufacturing Methods

**General**

Subject code AMT Course Number 220

Course Title  
Advanced Manufacturing Methods

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
4

Semester Offered  
Spring

Prerequisites  
AMT 104 and AMT 110 or instructor approval

Description  
This course will focus on using manual tools, mill, lathe, CNC and Fab Lab equipment to produce parts. Students will develop a process plan to establish the step-by-step process for part production. Students will use this process plan to ensure each part produced meets tolerance allowance as noted on drawings. The course also explores work opportunities related to the emerging careers in the Advanced Manufacturing field. This course simulates a work environment where collaboration, time sheets, design and prototype work are essential.

### AMT222 - Machine Shop Lab I

**General**

Subject code AMT Course Number 222

Course Title  
Machine Shop Lab I

**Credit Hours**

(Credit Hours) Value:  
2

Semester Offered  
Fall and Spring

Prerequisites  
AMT 104 or Instructor approval

Description  
This course will help students develop a greater understanding and appreciation of the machine tool industry and the processes which produce metal projects. Focuses on using vertical mills, and engine lathes to fabricate various products and personal projects, from a variety of materials using precise measurements and holding precise tolerances. Includes a focus on workpiece holding and machine set-up

### AMT240 - Advanced Manufacturing Production Processes

**General**

Subject code AMT Course Number 240

Course Title  
Advanced Manufacturing Production Processes

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Upon Request

Prerequisites  
AMT 110 and AMT 220 or instructor approval

Description  
This course focuses on using manual machines, 3D printers, laser cutters, CNC (Computer Numerical Control) routers, plasma cutters, and CNC lathes and mills to produce multiple projects. Core to this course will be the study of industry products to improve their function and usability. Students will be required to develop and follow a manufacturing process plan from CAD (computer aided design) drawing. Students will also be required to upload a project's machine code and manufacture parts within drawing/print callouts and specifications.

### ART061 - Community Ceramics I

**General**

Subject code ART Course Number 061

Course Title  
Community Ceramics I

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value:  
1

Semester Offered  
Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	25.00

Description  
This course is a personal-enrichment course designed for community members seeking to explore ceramics as a creative outlet and a means of personal expression. Students will create unique ceramic works that reflect their individual style and purpose. A materials course fee is required. This is a non-transferrable class that is designed for students who are not taking this class to fulfill graduation requirements for a degree or certificate. It does not contain the academic instruction and requirements of a transferrable ceramics course.

### ART101 - Fundamentals of Design

**General**

Subject code ART Course Number 101 SUN Number ART 1112

Course Title  
Fundamentals of Design

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Fall

No Requirements

Description  
Covers the elements and principles of design in two-dimensional composition through a series of problem solving projects.

### ART102 - Color and Design

**General**

Subject code ART Course Number 102

Course Title  
Color and Design

**Credit Hours**

(Credit Hours) Min: 2 (Credit Hours) Max: 3

(Credit Hours) Value:  
3

Credit Range  
2 - 3

Semester Offered  
Spring

No Requirements

Description  
Principles of color theory as related to the visual arts.

### ART104 - 3D Design

**General**

Subject code ART Course Number 104

Course Title 3D Design

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description This course will study the history of designed three-dimensional forms while practicing designing and creating three-dimensional forms using various media and techniques.

### ART111 - Drawing

**General**

Subject code ART Course Number 111 SUN Number ART 1111

Course Title Drawing

**Credit Hours**

(Credit Hours) Min: 3 (Credit Hours) Max: 3

(Credit Hours) Value: 3

Credit Range 1 - 3

Semester Offered Fall

No Requirements

Activity Yes

Description Study and practice of various representational drawing techniques in various media.

### ART111B - Drawing/The Creative Process

**General**

Subject code ART Course Number 111B

Course Title Drawing/The Creative Process

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

No Requirements

Activity Yes

Description In this beginning course, students will sketch 3-dimensional forms in chiaroscuro and create one- and two-point perspective drawings.

### ART114 - Figure Drawing for Art Majors

**General**

Subject code ART Course Number 114

Course Title Figure Drawing for Art Majors

**Credit Hours**

(Credit Hours) Min: 2 (Credit Hours) Max: 3

(Credit Hours) Value: 2

Credit Range 2 - 3

Semester Offered Spring

Prerequisites ART 111

Activity Yes

Description Drawing from draped models, supplementary study of anatomy.

### ART122 - Beginning Stained Glass I

**General**

Subject code ART Course Number 122

Course Title Beginning Stained Glass I

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value: 1

Credit Range 1 - 2

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Precision glass cutting, copper foil, and lead came techniques are developed in the creation of stained glass for interior and architectural art objects.

### ART123 - Beginning Stained Glass II

**General**

Subject code ART Course Number 123

Course Title Beginning Stained Glass II

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value: 1

Credit Range 1 - 2

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Precision glass cutting, copper foil, and lead came techniques are developed in the creation of stained glass for interior and architectural art objects.



### ART144 - Beginning Acrylic Painting II

**General**

Subject code ART Course Number 144

Course Title Beginning Acrylic Painting II

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

Prerequisites ART 143

Activity	Course Fee(s)	Fee Amount
Yes	Yes	25.00

Description Continuation of ART 143.

### ART147 - Beginning Oil Painting I

**General**

Subject code ART Course Number 147

Course Title Beginning Oil Painting I

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Fall and Spring

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	25.00

Description Oil painting materials and techniques including composition, structure, and expression are studied.

### ART145 - Beginning Watercolor I

**General**

Subject code ART Course Number 145

Course Title Beginning Watercolor I

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Fall and Spring

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	25.00

Description Explore and use beginning techniques, styles, and methods for watercolor painting. Development of skills with an emphasis on highly finished work.

### ART148 - Beginning Oil Painting II

**General**

Subject code ART Course Number 148

Course Title Beginning Oil Painting II

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Fall and Spring

Prerequisites ART 147 or instructor approval

Activity	Course Fee(s)	Fee Amount
Yes	Yes	25.00

Description Continuation of ART 147.

### ART146 - Beginning Watercolor II

**General**

Subject code ART Course Number 146

Course Title Beginning Watercolor II

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Fall and Spring

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	25.00

Description Explore and use beginning techniques, styles, and methods for watercolor painting. Development of skills with an emphasis on highly finished work.

### ART151 - Beginning Sculpture I

**General**

Subject code ART Course Number 151

Course Title Beginning Sculpture I

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Fall and Spring

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	50.00

Description Basic techniques in modeling small sculpture using terra cotta or stoneware clays. Basic principles of three-dimensional design.

### ART152 - Beginning Sculpture II

**General**

Subject code ART Course Number 152

Course Title Beginning Sculpture II

**Credit Hours**  
(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of ART 151.

### ART159 - China Painting

**General**

Subject code ART Course Number 159

Course Title China Painting

**Credit Hours**  
(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

Description This class will cover the act of painting overglazes on the surface of china or tile blanks.

### ART153 - Beginning Scrapbooking I

**General**

Subject code ART Course Number 153

Course Title Beginning Scrapbooking I

**Credit Hours**  
(Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value: 1

Credit Range 1 - 2

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description The student is introduced to the methods and techniques of modern scrapbooking. The student will learn how to develop quality page layouts through paper selection, cropping photos, journaling, embossing, and incorporation of computer generated images and text. Many additional scrapbooking techniques currently being used in the scrapbooking industry will also be explored.

### ART161 - Beginning Ceramics I

**General**

Subject code ART Course Number 161

Course Title Beginning Ceramics I

**Credit Hours**  
(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1-3

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	50.00

Description Problems in hand-forming, wheel work, design, glazes, decorative processes, clays, and firing are covered.

### ART154 - Beginning Scrapbooking II

**General**

Subject code ART Course Number 154

Course Title Beginning Scrapbooking II

**Credit Hours**  
(Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value: 1

Credit Range 1 - 2

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of ART 153. A continuation of methods and techniques of modern scrapbooking.

### ART162 - Beginning Ceramics II

**General**

Subject code ART Course Number 162

Course Title Beginning Ceramics II

**Credit Hours**  
(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1-3

Semester Offered Fall and Spring

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	50.00

Description Continuation of ART 161.

### ART171 - Beginning Crafts I

#### General

Subject code: ART      Course Number: 171

Course Title: Beginning Crafts I

**Credit Hours**  
(Credit Hours) Min: 1      (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range: 1 - 3

Semester Offered: Upon Request

No Requirements

Activity: Yes  
Description: Design and execution of various crafts.

### ART171D - Beginning Crafts I Taxidermy

#### General

Subject code: ART      Course Number: 171D

Course Title: Beginning Crafts I Taxidermy

**Credit Hours**  
(Credit Hours) Min: 0      (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered: Upon Request

No Requirements

Activity: Yes  
Description: Emphasizes mounting a small life-size mammal, a small bird and a fish. Includes the construction of habitats. Comprises proper measuring techniques, skin preparation, form selection, mounting procedures and the restoring of color to skin-mounted fish, and the preparation and painting of reproduction fish.

### ART171A - Beginning Crafts I Tole Painting

#### General

Subject code: ART      Course Number: 171A

Course Title: Beginning Crafts I Tole Painting

**Credit Hours**  
(Credit Hours) Min: 1      (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range: 1 - 3

Semester Offered: Upon Request

No Requirements

Activity: Yes  
Description: Design and execution of various crafts utilizing the artistic technique of tole painting.

### ART172 - Beginning Crafts II

#### General

Subject code: ART      Course Number: 172

Course Title: Beginning Crafts II

**Credit Hours**  
(Credit Hours) Min: 1      (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range: 1 - 3

Semester Offered: Upon Request

No Requirements

Activity: Yes  
Description: Continuation of ART 171.

### ART171B - Beginning Crafts I Nativity

#### General

Subject code: ART      Course Number: 171B

Course Title: Beginning Crafts I Nativity

**Credit Hours**  
(Credit Hours) Min: 1      (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range: 1 - 3

Semester Offered: Upon Request

No Requirements

Activity: Yes  
Description: This course provides instruction in ceramic techniques leading to the creation of a ceramic nativity scene. Techniques that will be taught include the preparation of unique painted designs, layers of acrylic paint colors, and the assembly of mixed media components such as jewels, leather bags, and tiny clay pots.

### ART172A - Beginning Crafts II Tole Painting

#### General

Subject code: ART      Course Number: 172A

Course Title: Beginning Crafts II Tole Painting

**Credit Hours**  
(Credit Hours) Min: 1      (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range: 1 - 3

Semester Offered: Upon Request

No Requirements

Activity: Yes  
Description: Continuation of ART 171A

### ART172B - Beginning Crafts II Nativity

**General**

Subject code ART Course Number 172B  
 Course Title Beginning Crafts II Nativity

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1

**Credit Range**  
 1 - 3

**Semester Offered**  
 Upon Request

No Requirements

**Activity**  
 Yes  
**Description**  
 Continuation of ART 171B.

### ART174 - Beginning Jewelry II

**General**

Subject code ART Course Number 174  
 Course Title Beginning Jewelry II

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1

**Credit Range**  
 1 - 3

**Semester Offered**  
 Fall and Spring

No Requirements

<b>Activity</b>	<b>Course Fee(s)</b>	<b>Fee Amount</b>
Yes	Yes	20.00

**Description**  
 Fundamentals of jewelry making, covers basic fabrication of jewelry from sheet and wire, covers forming and soldering.

### ART172D - Beginning Crafts II Taxidermy

**General**

Subject code ART Course Number 172D  
 Course Title Beginning Crafts II Taxidermy

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3

**Semester Offered**  
 Upon Request

No Requirements

**Activity**  
 Yes  
**Description**  
 Emphasizes mounting a medium life-size mammal and a medium life-size bird. Includes the construction of habitats. Comprises proper measuring techniques, skin preparation, form selection, mounting procedures, and the restoring of color.

### ART176 - Beginning Gem Faceting I

**General**

Subject code ART Course Number 176  
 Course Title Beginning Gem Faceting I

**Credit Hours**  
 (Credit Hours) Min: 2 (Credit Hours) Max: 3  
 (Credit Hours) Value: 2

**Credit Range**  
 2 - 3

**Semester Offered**  
 Fall and Spring

No Requirements

**Activity**  
 Yes  
**Description**  
 Facets are geometric, arranged, flat surfaces that cover faceted gemstones. Facets play specific roles in a gem's optical performance, pattern, and shine. In this course, students will use a variety of faceting machines and patterns to create beautiful gemstones. Students will progress from practicing on easy gemstones or marbles to faceting a standard, round brilliant.

### ART173 - Beginning Jewelry I

**General**

Subject code ART Course Number 173  
 Course Title Beginning Jewelry I

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1

**Credit Range**  
 1 - 3

**Semester Offered**  
 Fall and Spring

No Requirements

<b>Activity</b>	<b>Course Fee(s)</b>	<b>Fee Amount</b>
Yes	Yes	20.00

**Description**  
 Fundamentals of jewelry making, covers basic fabrication of jewelry from sheet and wire, covers forming and soldering.

### ART177 - Beginning Gem Faceting II

**General**

Subject code ART Course Number 177  
 Course Title Beginning Gem Faceting II

**Credit Hours**  
 (Credit Hours) Min: 2 (Credit Hours) Max: 3  
 (Credit Hours) Value: 2

**Credit Range**  
 2 - 3

**Semester Offered**  
 Fall and Spring

No Requirements

**Activity**  
 Yes  
**Description**  
 Continuation of ART 176. Faceting machine is used to develop skills in gem stone faceting. A variety of cuts and styles are used depending on the natural qualities and shape of the stone.

## ART178 - Beginning Lapidary I

### General

Subject code  
ART

Course Number  
178

Course Title  
Beginning Lapidary I

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

Semester Offered  
Fall and Spring

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	20.00

### Description

An introductory course in the study and application of classifying, selecting, cutting, shaping, and polishing minerals and gemstones.

## ART179 - Beginning Lapidary II

### General

Subject code  
ART

Course Number  
179

Course Title  
Beginning Lapidary II

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

Semester Offered  
Fall and Spring

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	20.00

### Description

Continuation of ART 178. An introductory course in the study and application of classifying, selecting, cutting, shaping, and polishing minerals and gemstones.

## ART181 - Graphic Design I

### General

Subject code  
ART

Course Number  
181

Course Title  
Graphic Design I

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Fall

No Requirements

### Description

Principles, tools, techniques, and media in graphic design layout. Includes layout, presentation, and concept development.

## ART182 - Graphic Design II

### General

Subject code  
ART

Course Number  
182

Course Title  
Graphic Design II

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
ART 181 or instructor approval

### Description

A continuation of principles, tools, techniques, and media in graphic design layout. Includes layout, presentation, and concept development.

## ART186 - Digital Illustration

### General

Subject code  
ART

Course Number  
186

Course Title  
Digital Illustration

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Fall

No Requirements

### Description

Introduction to industry standard software for creating computer generated artwork and documents, with emphasis on creation of a variety of readable, professionally laid-out documents, which meet design and printing industry standards. Students will be introduced to the basic use of Adobe Illustrator tools, illustrating of graphics, typography, and layout design.

## ART187 - Beginning Photoshop

### General

Subject code  
ART

Course Number  
187

Course Title  
Beginning Photoshop

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Fall and Spring

No Requirements

### Description

Introduction to using Photoshop software for the technical and creative use of raster image creation, editing, and compositing, while applying design principles and concepts.

## ART188 - Digital Publishing

### General

Subject code  
ART

Course Number  
188

Course Title  
Digital Publishing

#### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Fall

No Requirements

#### Description

An introduction to electronic or desktop publishing on the Mac computer. Topics will include the development of text and graphics and the use of the page layout program, Adobe InDesign, to create a variety of documents for digital or print publication.

## ART189 - Typography

### General

Subject code  
ART

Course Number  
189

Course Title  
Typography

#### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Spring

No Requirements

#### Description

A study of type including the history and development of type, terminology, fonts and their uses, type in design, composition, and typesetting on the computer.

## ART190 - Beginning Fibers I

### General

Subject code  
ART

Course Number  
190

Course Title  
Beginning Fibers I

#### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

Semester Offered  
Upon Request

No Requirements

#### Activity

Yes

#### Description

Use of fibers through a variety of techniques. Includes introduction to off-loom weaving, on-loom weaving, machine knitting, and basketry.

## ART191 - Beginning Fibers II

### General

Subject code  
ART

Course Number  
191

Course Title  
Beginning Fibers II

#### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

Semester Offered  
Upon Request

No Requirements

#### Activity

Yes

#### Description

Further development of techniques developed in ART 190. Student will be able to work with more independence and less guidance than in ART 190 since basic concepts have been introduced.

## ART216 - Illustration I

### General

Subject code  
ART

Course Number  
216

Course Title  
Illustration I

#### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Upon Request

#### Prerequisites

ART 111 or instructor approval

#### Description

Exploration of varied techniques, styles, and media for illustration. Development of skills; emphasis on highly finished work.

## ART217 - Illustration II

### General

Subject code  
ART

Course Number  
217

Course Title  
Illustration II

#### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Spring

#### Prerequisites

ART 216

#### Description

Exploration of varied techniques, styles, and media for illustration. Development of skills; emphasis on highly finished work.

### ART222 - Intermediate Stained Glass I

**General**

Subject code ART Course Number 222

Course Title Intermediate Stained Glass I

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value: 1

Credit Range 1 - 2

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of ART 122-123. Precision glass cutting, copper foil, and lead came techniques are developed in the creation of stained glass for interior and architectural art objects.

### ART243 - Intermediate Acrylic Painting I

**General**

Subject code ART Course Number 243

Course Title Intermediate Acrylic Painting I

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

Prerequisites ART 144

Activity	Course Fee(s)	Fee Amount
Yes	Yes	25.00

Description This course is designed to further explore and use the numerous techniques, materials, and approaches to painting with acrylics, including use of tools and materials, composition, color theory and mixing, use of underpainting, washes, glazing, masking, light, shadow, and depth.

### ART223 - Intermediate Stained Glass II

**General**

Subject code ART Course Number 223

Course Title Intermediate Stained Glass II

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value: 1

Credit Range 1 - 2

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of ART 222.

### ART244 - Intermediate ACRYLIC PAINTING II

**General**

Subject code ART Course Number 244

Course Title Intermediate ACRYLIC PAINTING II

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

Prerequisites ART 243

Activity	Course Fee(s)	Fee Amount
Yes	Yes	25.00

Description Continuation of ART 243.

### ART228 - Intermediate Digital Photography

**General**

Subject code ART Course Number 228

Course Title Intermediate Digital Photography

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

Prerequisites ART 128

Description Exploration of intermediate and advanced camera techniques, photographic styles, lighting, composition, digital photography, and digital photo editing.

### ART245 - Intermediate Watercolor I

**General**

Subject code ART Course Number 245

Course Title Intermediate Watercolor I

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Fall and Spring

Prerequisites ART 146 or instructor approval

Activity	Course Fee(s)	Fee Amount
Yes	Yes	25.00

Description Explore and use advanced techniques, styles, and methods for watercolor painting. Development of skills with an emphasis on highly finished work.

### ART246 - Intermediate Watercolor II

**General**

Subject code ART Course Number 246  
 Course Title Intermediate Watercolor II  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range 1 - 3  
 Semester Offered Fall and Spring  
 Prerequisites ART 245 or instructor approval  
 Activity Yes Course Fee(s) Yes Fee Amount 25.00  
 Description Explore and use advanced techniques, styles, and methods for watercolor painting. Development of skills with an emphasis on highly finished work.

### ART247 - Intermediate Oil Painting I

**General**

Subject code ART Course Number 247  
 Course Title Intermediate Oil Painting I  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range 1 - 3  
 Semester Offered Fall and Spring  
 Prerequisites ART 148 or instructor approval  
 Activity Yes Course Fee(s) Yes Fee Amount 25.00  
 Description Introduction to oil painting materials and techniques.

### ART248 - Intermediate Oil Painting II

**General**

Subject code ART Course Number 248  
 Course Title Intermediate Oil Painting II  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range 1 - 3  
 Semester Offered Fall and Spring  
 Prerequisites ART 247 or instructor approval  
 Activity Yes Course Fee(s) Yes Fee Amount 25.00  
 Description Continuation of ART 247.

### ART251 - Intermediate Sculpture I

**General**

Subject code ART Course Number 251  
 Course Title Intermediate Sculpture I  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range 1 - 3  
 Semester Offered Upon Request  

No Requirements

 Activity Yes  
 Description Continuation of ART 151-152. Develops techniques and skills in modeling, the creation of sculpture, and casting basic to composition.

### ART252 - Intermediate Sculpture II

**General**

Subject code ART Course Number 252  
 Course Title Intermediate Sculpture II  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range 1 - 3  
 Semester Offered Upon Request  

No Requirements

 Activity Yes  
 Description Continuation of ART 251.

### ART253 - Intermediate Scrapbooking I

**General**

Subject code ART Course Number 253  
 Course Title Intermediate Scrapbooking I  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 2  
 (Credit Hours) Value: 1  
 Credit Range 1 - 2  
 Semester Offered Fall and Spring  

No Requirements

 Activity Yes  
 Description Continuation of ART 154. A continuation of methods and techniques of modern scrapbooking.

### ART254 - Intermediate Scrapbooking II

**General**

Subject code ART Course Number 254

Course Title Intermediate Scrapbooking II

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value: 1

Credit Range 1 - 2

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of ART 253. A continuation of methods and techniques of modern scrapbooking.

### ART261 - Intermediate Ceramics I

**General**

Subject code ART Course Number 261

Course Title Intermediate Ceramics I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	50.00

Description Continuation of ART 161-162. Problems in hand-forming, wheel work, design, glazes, decorative processes, clays, and firing are covered.

### ART262 - Intermediate Ceramics II

**General**

Subject code ART Course Number 262

Course Title Intermediate Ceramics II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	50.00

Description Continuation of ART 261.

### ART263 - Firing Techniques I

**General**

Subject code ART Course Number 263

Course Title Firing Techniques I

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value: 1

Credit Range 1 - 2

Semester Offered Upon Request

No Requirements

Activity Yes

Description Methods of firing ranging from pit fire, sigillata, raku, and majolica, using low-fire clay bodies such as terra cotta and low-fire electric kiln cone 06 firing range. This hands-on course will consist of making ware, preparation of kiln, firing, unloading and cleaning up.

### ART264 - Firing Techniques II

**General**

Subject code ART Course Number 264

Course Title Firing Techniques II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

No Requirements

Activity Yes

Description A continuation of ART 263. Methods of firing ranging from pit fire, sigillata, raku, and majolica, using low-fire clay bodies such as terra cotta and low-fire electric kiln cone 06 firing range. This hands-on course will consist of making ware, preparation of kiln, firing, unloading, and clean up.

### ART271 - Intermediate Crafts I

**General**

Subject code ART Course Number 271

Course Title Intermediate Crafts I

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

Description Design and execution of various crafts.

### ART271A - Intermediate Crafts I Tole Painting

#### General

Subject code ART Course Number 271A

Course Title Intermediate Crafts I Tole Painting

#### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

Description Continuation of ART 172A.

### ART272 - Intermediate Crafts II

#### General

Subject code ART Course Number 272

Course Title Intermediate Crafts II

#### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

Description Continuation of ART 271.

### ART271B - Intermediate Crafts I Nativity

#### General

Subject code ART Course Number 271B

Course Title Intermediate Crafts I Nativity

#### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

Description Continuation of ART 172B.

### ART272A - Intermediate Crafts II Tole Painting

#### General

Subject code ART Course Number 272A

Course Title Intermediate Crafts II Tole Painting

#### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

Description Continuation of ART 271A.

### ART271D - Intermediate Crafts I Taxidermy

#### General

Subject code ART Course Number 271D

Course Title Intermediate Crafts I Taxidermy

#### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

Activity Yes

Description Emphasizes mounting a large life-size bird and a big game animal. Includes the construction of habitats. Comprises proper measuring techniques, skin preparation, form selection, mounting procedures, and the restoring of color.

### ART272B - Intermediate Crafts II Nativity

#### General

Subject code ART Course Number 272B

Course Title Intermediate Crafts II Nativity

#### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

Description Continuation of ART 271B.

### ART273 - Intermediate Jewelry I

**General**

Subject code ART Course Number 273  
 Course Title Intermediate Jewelry I

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Fall and Spring

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	20.00

Description  
 Continues advancing skills begun in ART 173 and ART 174, including fabrication of jewelry from sheet and wire, forming and soldering, sand casting, metal and wood inlays, overlays and marriage of metals.

### ART277 - Intermediate Gem Faceting II

**General**

Subject code ART Course Number 277  
 Course Title Intermediate Gem Faceting II

**Credit Hours**  
 (Credit Hours) Min: 2 (Credit Hours) Max: 3

(Credit Hours) Value: 2

Credit Range 2 - 3

Semester Offered Fall and Spring

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	20.00

Description  
 Continuation of ART 276. Faceting machine is used to develop skills in gem stone faceting. A variety of cuts and styles are used depending on the natural qualities and shape of the stone.

### ART274 - Intermediate Jewelry II

**General**

Subject code ART Course Number 274  
 Course Title Intermediate Jewelry II

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Fall and Spring

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	20.00

Description  
 Advanced fabrication techniques including chain making and box construction. Emphasis is on the development of personal expression in the design of jewelry.

### ART278 - Intermediate Lapidary I

**General**

Subject code ART Course Number 278  
 Course Title Intermediate Lapidary I

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Fall and Spring

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	20.00

Description  
 Continuation of ART 178 and ART 179. A more advanced study of lapidary arts, gem identification, material suitability, tools and techniques, and may introduce the student to the faceting of precious gems and the art of intarsia.

### ART276 - Intermediate Gem Faceting I

**General**

Subject code ART Course Number 276  
 Course Title Intermediate Gem Faceting I

**Credit Hours**  
 (Credit Hours) Min: 2 (Credit Hours) Max: 3

(Credit Hours) Value: 2

Credit Range 2 - 3

Semester Offered Fall and Spring

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	20.00

Description  
 Continuation of skills practiced in ART 176 and ART 177. Faceting machine is used to develop skills in gem stone faceting. A variety of cuts and styles are used depending on the natural qualities and shape of the stone.

### ART279 - Intermediate Lapidary II

**General**

Subject code ART Course Number 279  
 Course Title Intermediate Lapidary II

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Fall and Spring

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	20.00

Description  
 Continuation of ART 278. A more advanced study of lapidary arts, gem identification, material suitability, tools and techniques, and may introduce the student to the faceting of precious gems and the art of intarsia.





### ASL099 - American Sign Language Lab II

**General**

Subject code ASL Course Number 099

Course Title American Sign Language Lab II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Spring

No Requirements

Activity Yes

Description Continuation of American Sign Language Lab I. Practice in sign skills for beginning ASL students. Emphasizes vocabulary, structure, grammar, and narratives. Students taking the lab independent of ASL 102 receive 1 credit. Students taking the lab concurrently with ASL 102 receive 0 credits.

### ASL101 - Beginning American Sign Language I

**General**

Subject code ASL Course Number 101

Course Title Beginning American Sign Language I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

General Education Category Written and Oral Communication

Semester Offered Fall

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy.

Description Development of American Sign Language and its application within the deaf community. Emphasizes vocabulary, structure, grammar, dialogues, and narratives.

### ASL102 - Beginning American Sign Language II

**General**

Subject code ASL Course Number 102

Course Title Beginning American Sign Language II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

General Education Category Written and Oral Communication

Semester Offered Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy.

Description Development of American Sign Language and its application within the deaf community. Emphasizes vocabulary, structure, grammar, dialogues, and narratives.

### AST103 - Introduction to Astronomy

**General**

Subject code AST Course Number 103

Course Title Introduction to Astronomy

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

General Education Category Natural Sciences

Semester Offered Fall and Spring

No Requirements

Description A survey of modern astronomy introducing topics from our solar system and other planetary systems, galaxies, the evolution of stars, and the methods and technology used to explore planetary and stellar processes. Included with this course is a lab that introduces the student to astronomical observations with the use of a series of telescopes and lab exercises.

### AST127 - Operating the GAO Telescope

**General**

Subject code AST Course Number 127

Course Title Operating the GAO Telescope

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 0.5

Semester Offered Upon Request

No Requirements

Activity Yes

Description Learn to properly operate and maintain the Tinsley Corporation, 20-inch, Cassegrain, reflecting telescope, and its ancillary equipment, at the Gov Aker Observatory (GAO) on the Discovery Park Campus.

### AST129 - MGIO Guide and Driver Training

**General**

Subject code AST Course Number 129

Course Title MGIO Guide and Driver Training

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 0.5

Semester Offered Upon Request

No Requirements

Description Training for guides and van drivers to conduct Mount Graham International Observatory (MGIO) educational visits up and down Mount Graham for the purpose of visiting the three observatories (VATT, SMT, LBT), discussing the history and astronomy projects of these facilities, and presenting discussions on the local flora, fauna, and geology throughout the visit.

### AUT101 - Introduction to Automotive Technology

**General**

Subject code AUT Course Number 101

Course Title Introduction to Automotive Technology

**Credit Hours**  
 (Credit Hours) Min: 2 (Credit Hours) Max: 4

(Credit Hours) Value: 2

Credit Range 2 - 4

Semester Offered Fall

No Requirements

**Description**  
 This course provides fundamental information on key automotive vehicle systems. Course teaches basic operational knowledge, care, and maintenance of engine, fuel, ignition, suspension, brakes, electrical, and drive train systems.

### AUT107 - Automotive Electrical Systems and Equipment

**General**

Subject code AUT Course Number 107

Course Title Automotive Electrical Systems and Equipment

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Fall

No Requirements

**Description**  
 This course provides a study of automotive starting, supplemental restraint (air bags), and charging electrical systems and components. An emphasis is placed on electrical system diagnosis and electrical repair. Course gives students the opportunity to use various industry-standard, diagnostic, electrical equipment and testing techniques. Prepares the student to take the ASE certification test on electrical/electronic systems.

### AUT105 - Automotive Electrical Fundamentals

**General**

Subject code AUT Course Number 105

Course Title Automotive Electrical Fundamentals

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Fall

No Requirements

**Description**  
 This course provides a study of automotive electrical and electronic fundamentals. Course has an emphasis on Ohm's Law and application of Ohm's Law in solving electrical system failures. This course provides an in-depth study on how to properly use wiring and current flow diagrams in electrical diagnosis and repair. Course includes using industry-standard diagnostic equipment and techniques. Prepares the student to take the ASE certification test on electrical/electronic systems.

### AUT110 - Fuel and Emission Systems

**General**

Subject code AUT Course Number 110

Course Title Fuel and Emission Systems

**Credit Hours**  
 (Credit Hours) Min: 2 (Credit Hours) Max: 3

(Credit Hours) Value: 2

Credit Range 2 - 3

Semester Offered Fall

No Requirements

**Description**  
 This course provides theory, diagnosis, and service information related to vehicle fuel and emission systems. Course includes an opportunity to analyze, test, and diagnose fuel and emission components and systems. This class, together with AUT 260 or AUT 220, prepares students for the ASE certification test on engine performance.

### AUT106 - Internal Combustion Engines

**General**

Subject code AUT Course Number 106

Course Title Internal Combustion Engines

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

Semester Offered Upon Request

No Requirements

**Description**  
 This course provides theory, diagnosis, and service common to all automotive internal combustion engines. Course includes engine rebuilding and performance testing. This course prepares students for the ASE certification test on engine repair.

### AUT120 - Manual Transmission and Drive Train

**General**

Subject code AUT Course Number 120

Course Title Manual Transmission and Drive Train

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

**Description**  
 This course provides instruction related to power train theory, diagnosis, and service of clutches, driveline, synchromesh transmissions, and final drives. Course covers standard transmission, transaxles, and 4-wheel drive operation. Prepares the student for the ASE certification test on manual drive train.

### AUT131 - Steering and Suspension Systems

**General**

Subject code AUT Course Number 131

Course Title Steering and Suspension Systems

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
 Course provides theory, diagnosis and the repair of automotive steering and suspension systems. Course includes an in-depth study of tires and wheels, wheel balancing, two and four wheel alignment, and diagnostic and service techniques. Course prepares students for ASE certification test on steering and suspension systems.

### AUT180 - Automotive Service Techniques

**General**

Subject code AUT Course Number 180

Course Title Automotive Service Techniques

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

No Requirements

**Description**  
 Course provides individualized self-paced instruction in service and repair of automotive engines, electrical, transmissions, brakes, suspension, and A/C. Course includes an opportunity for the individual to service and repair vehicle systems and components using computer-based reference material. In this course's modular lab assignments, emphasis is placed on each student's ability to demonstrate practical application of learned skills. This course prepares students for all eight ASE certification tests.

### AUT132 - Automotive Brake Systems

**General**

Subject code AUT Course Number 132

Course Title Automotive Brake Systems

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Fall

No Requirements

**Description**  
 This course provides the theory, diagnosis and the repair of automotive brake systems. This is an in-depth study of disc and drum brake systems. The course covers anti-lock brakes, hydraulic operation, and brake system service, diagnosis and repair. Prepares students for ASE certification test on brakes.

### AUT220 - Automotive Electronics and Computerized Vehicle Controls

**General**

Subject code AUT Course Number 220

Course Title Automotive Electronics and Computerized Vehicle Controls

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

**Prerequisites**  
 AUT 105 and AUT 110 or instructor approval

**Description**  
 This course provides a study of automotive power train computerized systems and addresses electronic principles. Course includes an in-depth study of computerized engine/power train control operation, trouble shooting techniques, and proper repair of these systems. This course requires each student have basic skills and knowledge in electrical/electronic fundamentals and prepares the student to take the ASE tests which have electrical/electronic or automotive computer control system questions.

### AUT150 - Automotive Painting and Refinishing

**General**

Subject code AUT Course Number 150

Course Title Automotive Painting and Refinishing

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

**Activity**  
 Yes

**Description**  
 Students taking this course will study automotive painting, minor repair, and refinishing techniques. The course will provide instruction related to automotive paint types, painting and refinishing, and minor body repairs (forming, shaping and body filler use).

### AUT230 - Automatic Transmissions

**General**

Subject code AUT Course Number 230

Course Title Automatic Transmissions

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

Semester Offered Upon Request

No Requirements

**Description**  
 This course teaches operating principles of modern automatic transmissions and transaxles. Course includes diagnosis, maintenance, testing, repair, and basic information on computerized power train control systems. This course prepares students for the ASE certification test on automatic transmissions/transaxles.

### AUT260 - Vehicle Performance and Diagnosis

**General**

Subject code AUT Course Number 260

Course Title Vehicle Performance and Diagnosis

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

Prerequisites AUT 105 and AUT 110 or instructor approval

**Description**  
 This course provides instruction in computerized power train system operation and diagnostic procedures. Course includes an in-depth study in modern ignition, fuel, and power train computer-controlled systems. Course provides in-depth knowledge related to various onboard vehicle diagnostic processes. This course gives the student the opportunity to use industry-standard testing equipment such as PC-based scopes and hand-held scanners. Course requires an understanding of automotive electrical and electronic fundamentals and together with AUT 110, prepares the student for ASE certification test on engine performance.

### AUT266 - Vehicle Heating and Air Conditioning

**General**

Subject code AUT Course Number 266

Course Title Vehicle Heating and Air Conditioning

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
 This course provides instruction on basic operating principles, diagnosis, and service of modern automotive heating and air conditioning systems. Course includes an in-depth study of a/c system operation, diagnostic and service procedures, and environmental concerns. Prepares students for ASE certification test on heating and air conditioning.

### AUT280 - Advanced Shop

**General**

Subject code AUT Course Number 280

Course Title Advanced Shop

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

Semester Offered Spring

Prerequisites AUT 180 or AUT 101 and AUT 105 or instructor approval

**Description**  
 Course provides students with an opportunity to perform advanced automotive service work in preparation for entry into the automotive trade. Course includes an option for students to develop skills at an automotive worksite. This course addresses all service and repair on any vehicle system and provides the student exposure to shop management operations and strategies. This course is intended for the automotive major only and prepares the student to take all eight ASE automotive certification exams.

### AUT297 - Workshop

**General**

Subject code AUT Course Number 297

Course Title Workshop

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 6

(Credit Hours) Value: 1

Credit Range 1 - 6

Semester Offered Upon Request

No Requirements

Activity Yes

**Description**  
 Designed to meet a variety of needs for students in Automotive Technology.

### AUT298 - Workshop

**General**

Subject code AUT Course Number 298

Course Title Workshop

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

**Description**  
 Designed to meet a variety of needs for students in Automotive Technology.

### AUT299 - Independent Study

**General**

Subject code AUT Course Number 299

Course Title Independent Study

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

**Description**  
 Design and execution of original projects under faculty supervision.

## BIO100 - Biology Concepts

### General

Subject code: BIO Course Number: 100

Course Title: Biology Concepts

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

General Education Category: Natural Sciences

Semester Offered: Fall and Spring

Prerequisites: ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description: An integrated course dealing with both plants and animals, related to our environment from molecule to biosphere. A liberal studies course for non-science majors with an emphasis on contemporary issues.

## BIO160 - Introduction to Human Anatomy and Physiology

### General

Subject code: BIO Course Number: 160

Course Title: Introduction to Human Anatomy and Physiology

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

General Education Category: Natural Sciences

Semester Offered: Fall and Spring

Prerequisites: ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description: Study of structure and dynamics of the human body. For students who desire one semester in anatomy and physiology.

## BIO101B - Birds of the Gila Valley

### General

Subject code: BIO Course Number: 101B

Course Title: Birds of the Gila Valley

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

No Requirements

Description: Students will develop an appreciation of the anatomy and function of flight relative to birds and their habitat. This class examines bird behavior and methods of bird identification using applications, guides, and other tools.

## BIO181 - General Biology I

### General

Subject code: BIO Course Number: 181 SUN Number: BIO 1181

Course Title: General Biology I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

General Education Category: Natural Sciences

Semester Offered: Fall

Prerequisites: ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description: Designed for Biology majors. Principles of structure and function of living things at molecular, cellular, and organismic levels of organization. One year of high school chemistry or one semester of college level chemistry recommended.

## BIO105 - Environmental Biology

### General

Subject code: BIO Course Number: 105

Course Title: Environmental Biology

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

General Education Category: Natural Sciences

Semester Offered: Fall and Spring

Prerequisites: ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description: This course discusses the fundamentals of ecology and their relevance to anthropomorphic impacts on ecosystems. This is a liberal studies course for non-science majors with an emphasis on contemporary environmental issues.

## BIO182 - General Biology II

### General

Subject code: BIO Course Number: 182 SUN Number: BIO 1182

Course Title: General Biology II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

General Education Category: Natural Sciences

Semester Offered: Spring

Prerequisites: BIO 181

Description: A continuation of BIO 181. Supplemented by laboratory investigations.

### BIO201 - Human Anatomy and Physiology I

**General**

Subject code BIO Course Number 201 SUN Number BIO 2201

Course Title Human Anatomy and Physiology I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 4

General Education Category Natural Sciences

Semester Offered Fall and Spring

Prerequisites A grade of "C" or higher in one of the following courses: BIO 100, BIO 160, BIO 181, CHM 130, CHM 138 or CHM 151

Course Fee(s) Yes Fee Amount 125.00

Description Study of the structure and function of the human body. Topics include cells, tissues, integumentary system, skeletal system, muscular system, and nervous system.

### BIO202 - Human Anatomy and Physiology II

**General**

Subject code BIO Course Number 202 SUN Number BIO 2202

Course Title Human Anatomy and Physiology II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 4

General Education Category Natural Sciences

Semester Offered Fall and Spring

Prerequisites BIO 201

Course Fee(s) Yes Fee Amount 125.00

Description Continuation of structure and function of the human body. Topics include the endocrine, circulatory, respiratory, digestive, urinary, and reproductive systems.

### BIO205 - Microbiology

**General**

Subject code BIO Course Number 205 SUN Number BIO 2205

Course Title Microbiology

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 4

General Education Category Natural Sciences

Semester Offered Fall and Spring

Prerequisites BIO 100 or BIO 160 or BIO 181 or BIO 201 or CHM 130 or CHM 138 or CHM 151

Description Study of microorganisms and their relationship to health, ecology, and related fields.

### BIO226 - Ecology

**General**

Subject code BIO Course Number 226

Course Title Ecology

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 4

General Education Category Natural Sciences

Semester Offered Fall

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description Arizona contains a broad diversity of biotic and abiotic variables acting upon the plant and animal species that have adapted to life in a sometimes harsh, desert environment. These fragile ecosystems have been affected from both a positive and negative standpoint by an increasing human population. This course will provide students with a basic understanding of ecological principles, concepts of energy flow through an environment, and knowledge and hands-on experiences to better understand the characteristics, restoration strategies, interactions within, and stewardship for healthy ecosystems.

### BIO235 - GIS Tools in Forestry and the Environment

**General**

Subject code BIO Course Number 235

Course Title GIS Tools in Forestry and the Environment

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 2

Semester Offered Fall

No Requirements

Description This course provides an introduction to Geographic Information Systems (GIS) concepts and GIS software. Students will learn processes related to manipulating spatial and tabular data, querying a database, presenting data clearly, and effectively using maps, reports, and charts. Problem-solving and spatial modeling tools will be introduced.

### BIO295 - Undergraduate Biological Research

**General**

Subject code BIO Course Number 295

Course Title Undergraduate Biological Research

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 4

Semester Offered Spring

No Requirements

Description This course is a unique opportunity for students to apply and practice that which they have learned about the research process. Whether collaborating with a mentor project or carrying out their personal research proposal, students discuss, analyze and critique their work through portfolio entries and team sessions coordinated by the instructor. Coursework culminates in a Poster Session of student research at the close of the semester.

### BIO298 - Workshop

**General**

Subject code: BIO Course Number: 298  
 Course Title: Workshop  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range: 1 - 3

No Requirements

**Description**  
 Designed to meet a variety of needs for students in Biological Science.

### BUA101 - Introduction to Business

**General**

Subject code: BUA Course Number: 101  
 Course Title: Introduction to Business  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered: Fall and Spring

No Requirements

**Description**  
 Organization, functions, activities, and roles of business in the American economic system; orientation to business terminology, practices, problems, and career opportunities. Primarily for freshmen majoring in some area of business.

### BIO299 - Independent Study

**General**

Subject code: BIO Course Number: 299  
 Course Title: Independent Study  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range: 1 - 3

No Requirements

**Description**  
 Design and execution of original projects under faculty supervision.

### BUA150 - Introduction to Project Management

**General**

Subject code: BUA Course Number: 150  
 Course Title: Introduction to Project Management  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered: Fall

No Requirements

**Description**  
 This course is designed to introduce the student to the basic principles of project management in the construction, business, and technology fields.

### BIO300 - Biostatistics

**General**

Subject code: BIO Course Number: 300  
 Course Title: Biostatistics  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered: Fall

**Prerequisites**  
 ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy and MAT 160 with a grade of "C" or higher.

**Description**  
 Introduction to Biostatistics is a course designed to familiarize students with key statistical concepts and their applications within the health sciences. Through studying topics such as data types, probability distributions, hypothesis testing, regression analysis, and ANOVA, students will learn to navigate the landscape of statistical methods used in biomedical research. They will also gain experience in applying these methods using statistical software, further enhancing their practical understanding of the subject.

### BUA151 - Scheduling and Cost Estimating

**General**

Subject code: BUA Course Number: 151  
 Course Title: Scheduling and Cost Estimating  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered: Spring

No Requirements

**Description**  
 This course is designed to teach various types of scheduling and estimating methods and the importance of incorporating these concepts into the completion of a successful construction, business, or technological project.

### BUA160 - Medical Law and Ethics

**General**

Subject code BUA Course Number 160

Course Title Medical Law and Ethics

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Fall and Spring

No Requirements

**Description**  
 This course examines the essentials of pertinent laws and the ethical demands found in the healthcare setting, preparing students to respond to legal and ethical dilemmas.

### BUA200 - Introduction to Organizational Leadership

**General**

Subject code BUA Course Number 200

Course Title Introduction to Organizational Leadership

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
 This course presents a broad survey of leadership theory and research as currently practiced in formal organizations. Includes examination of leadership models, power and influence, team leadership, cross-cultural leadership, strategic styles of interaction, ethics, leadership skill development, decision-making techniques, and effective goal implementation.

### BUA201 - Strategies for Career Preparation

**General**

Subject code BUA Course Number 201

Course Title Strategies for Career Preparation

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
 This course is designed to help students develop skills necessary to perform a comprehensive career self-assessment, a social media audit and to search and apply for jobs. The course includes creating an application, cover letter, résumé, references, letters of recommendation, and thank you notes. Communication and interviewing skills are developed and live interviews conducted.

### BUA210 - Society and Business

**General**

Subject code BUA Course Number 210

Course Title Society and Business

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Social and Behavioral Sciences

Semester Offered Fall and Spring

**Prerequisites**  
 ENG 091 or higher with a grade of "C" or higher or reading placement test score as established by District policy

**Description**  
 An introduction to the study and scientific inquiry of issues and demands placed on business enterprise by owners, customers, government, employees, and society. Included are social, ethical, and public issues and analysis of the social impact of business responses.

### BUA220 - Business Statistics

**General**

Subject code BUA Course Number 220 SUN Number BUS 2201

Course Title Business Statistics

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Quantitative Reasoning

Semester Offered Fall and Spring

**Prerequisites**  
 MAT 140 or higher with a grade of "C" or higher or placement test score as established by District policy

**Description**  
 This course provides business applications of descriptive and inferential statistics, measurement of relationships, and statistical process management including the use of spreadsheet software for business statistical analysis.

### BUA221 - Principles of Macroeconomics

**General**

Subject code BUA Course Number 221 SUN Number ECN 2201

Course Title Principles of Macroeconomics

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Social and Behavioral Sciences, Institutions of the Americas

Semester Offered Fall and Spring

**Prerequisites**  
 ENG 091 or higher with a grade of "C" or higher or reading placement test score as established by District policy

**Description**  
 Studies aggregates of the entire economy; concentrates on national income analysis, business cycles, the money and banking system, the global economy, and fiscal and monetary policy. Concurrent enrollment with BUA 223 not recommended.

### BUA223 - Principles of Microeconomics

**General**

Subject code                      Course Number                      SUN Number  
 BUA                                      223                                      ECN 2202

Course Title  
 Principles of Microeconomics

**Credit Hours**

(Credit Hours) Min:                                      (Credit Hours) Max:  
 0    0

(Credit Hours) Value:  
 3

General Education Category  
 Social and Behavioral Sciences

Semester Offered  
 Fall and Spring

Prerequisites  
 ENG 091 or higher with a grade of "C" or higher or reading placement test score as established by District policy

Description  
 Study of forces affecting individual productive units including analysis of price determinants through supply and demand, cost and equilibrium of firms under perfect and imperfect competition, distribution of income, and selected current problems. Concurrent enrollment in BUA 221 not recommended.

### BUA245 - Legal Environment of Business

**General**

Subject code                      Course Number  
 BUA                                      245

Course Title  
 Legal Environment of Business

**Credit Hours**

(Credit Hours) Min:                                      (Credit Hours) Max:  
 0    0

(Credit Hours) Value:  
 3

General Education Category  
 Institutions of the Americas

Semester Offered  
 Fall and Spring

No Requirements

Description  
 Introduces the sources and basic principles of the law as it relates to business, including the U.S. legal system, the Constitution, sources of the law, business ethics; and studies a variety of applications of the law in contracts, torts, agency, and government regulation of business.

### BUA233 - Uses of Accounting Information I

**General**

Subject code                      Course Number                      SUN Number  
 BUA                                      233                                      ACC 2201

Course Title  
 Uses of Accounting Information I

**Credit Hours**

(Credit Hours) Min:                                      (Credit Hours) Max:  
 0    0

(Credit Hours) Value:  
 3

Semester Offered  
 Fall and Spring

No Requirements

Description  
 Introduction to the uses of financial information for internal and external purposes. Emphasizes using accounting information to meet the needs of financial decision makers, financial statement analysis, and understanding the business cycle.

### BUA259 - Business Communications

**General**

Subject code                      Course Number  
 BUA                                      259

Course Title  
 Business Communications

**Credit Hours**

(Credit Hours) Min:                                      (Credit Hours) Max:  
 0    0

(Credit Hours) Value:  
 3

General Education Category  
 AAS Degrees Only

Semester Offered  
 Fall and Spring

No Requirements

Description  
 The study of oral and written communication in the occupational setting.

### BUA243 - Uses of Accounting Information II

**General**

Subject code                      Course Number                      SUN Number  
 BUA                                      243                                      ACC 2202

Course Title  
 Uses of Accounting Information II

**Credit Hours**

(Credit Hours) Min:                                      (Credit Hours) Max:  
 0    0

(Credit Hours) Value:  
 3

Semester Offered  
 Fall and Spring

Prerequisites  
 BUA 233

Description  
 Introduction to the uses of financial information for internal and external purposes. Emphasizes using accounting information to meet the needs of financial decision makers, focusing on analysis for use by management.

### BUA289 - Business Capstone

**General**

Subject code                      Course Number  
 BUA                                      289

Course Title  
 Business Capstone

**Credit Hours**

(Credit Hours) Min:                                      (Credit Hours) Max:  
 0    0

(Credit Hours) Value:  
 3

Semester Offered  
 Fall and Spring

Prerequisites  
 BUS 101 or BUA 233 and BUA 259 or concurrently enrolled in BUS 101 or BUA 233 and BUA 259 or instructor approval

Description  
 Develops skills for planning a business. Multiple areas of business planning will be covered, including analyzing the social and legal environment, vetting personnel, organizing operations, planning marketing (including product, distribution, location and promotion), forecasting finances and identifying potential business pitfalls.

### BUA297 - Workshop

**General**

Subject code BUA Course Number 297  
 Course Title Workshop

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 6  
 (Credit Hours) Value: 1  
 Credit Range 1 - 6  
 Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Designed to meet a variety of needs for students in Business Administration.

### BUA298 - Workshop

**General**

Subject code BUA Course Number 298  
 Course Title Workshop

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range 1 - 3  
 Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Designed to meet a variety of needs for students in Business Administration.

### BUA299 - Independent Study

**General**

Subject code BUA Course Number 299  
 Course Title Independent Study

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range 1 - 3  
 Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Design and execution of original projects under faculty supervision.

### BUS101 - Fundamentals of Accounting

**General**

Subject code BUS Course Number 101  
 Course Title Fundamentals of Accounting

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered Fall and Spring

No Requirements

Description An accounting and record keeping course of practical value to many people at home or in business. Covers theory of debits and credits of most common accounts, the trial balance, and financial reports. Students with special aptitude in bookkeeping who plan to continue in accounting should take BUA 233 and BUA 243 instead. Concurrent enrollment in BUA 233 not permitted.

### BUS111 - Business Mathematical Calculations

**General**

Subject code BUS Course Number 111  
 Course Title Business Mathematical Calculations

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 General Education Category AAS Degrees Only, Quantitative Reasoning  
 Semester Offered Fall and Spring

No Requirements

Description Instruction and practice in fundamental business operations. Begins with basic mathematical operations and then continues through payroll, banking, interest, income tax, and other areas of business mathematics.

### BUS122 - Managing Personal Finances

**General**

Subject code BUS Course Number 122  
 Course Title Managing Personal Finances

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 General Education Category Options  
 Semester Offered Fall and Spring

No Requirements

Description This course introduces students to the foundational concepts of personal financial management, with a focus on practical skills in budgeting, credit management, savings, investing, and financial decision-making. Students will learn how to manage their own personal finances to ensure long-term financial security and stability.

### BUS143 - Real Estate Fundamentals

**General**

Subject code BUS Course Number 143

Course Title Real Estate Fundamentals

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 6

Semester Offered Upon Request

No Requirements

**Description**  
Provides an overview of Real Estate Fundamentals and meets the qualifications for the student to take the State of Arizona Real Estate test.

### BUS211 - Retail Management

**General**

Subject code BUS Course Number 211

Course Title Retail Management

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
Principles and practices used in the management of retail stores. Includes site selection, layout, organization, staffing, positioning, customer service, promotional techniques, and all aspects of the buying function.

### BUS171 - International Business

**General**

Subject code BUS Course Number 171

Course Title International Business

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

No Requirements

**Description**  
Overview of international business to introduce students to international trade concepts. Focus of the course is on international business environment issues that influence global business practices, decisions, and applications.

### BUS214 - Contemporary Sports Management

**General**

Subject code BUS Course Number 214

Course Title Contemporary Sports Management

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

**Prerequisites**  
ENG 091 or higher with a grade of "C" or higher or reading placement test score as established by District policy

**Description**  
An introduction to local, national, and international sport, legal issues, and ethics in sport management, and its influence on society and culture. Assess and analyzes the increasing globalization of the sports industry and develops an understanding of the similarities and differences in sport management practices and applications around the world. Includes current trends in sports research and management. Covers the history of the sports industry, terminology, and career opportunities. Identical to HHP 214.

### BUS205 - Accounting with QuickBooks

**General**

Subject code BUS Course Number 205

Course Title Accounting with QuickBooks

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

**Prerequisites**  
BUS 101 or BUA 233 and CMP 101 or CMP 103 OR concurrently enrolled in BUS 101 or BUA 233 and CMP 101 or CMP 103 OR instructor approval

**Activity**  
Yes

**Description**  
This course is designed to assist students and small business owners in performing accounting tasks by using a computer software package designed specifically for accounting purposes. Students will develop skills to operate a computer to implement the following functions: recording transactions, generating financial and management reports, setting up and maintaining a system, and developing business budgets. The course utilizes the QuickBooks accounting software.

### BUS221 - Human Resource Management

**General**

Subject code BUS Course Number 221

Course Title Human Resource Management

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

No Requirements

**Description**  
Human resource theory and practice, planning, recruitment, placement, employee development, evaluation, benefits and services, health and safety, and employee relations.

### BUS251 - Human Relations

**General**

Subject code BUS Course Number 251  
 Course Title Human Relations  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 General Education Category  
 AAS Degrees Only, Social and Behavioral Sciences  
 Semester Offered  
 Fall and Spring

No Requirements

**Description**  
 Emphasizes application of basic psychological principles to the understanding and influencing of human behavior, particularly in personal and business relationships.

### BUS261 - Fundamentals of Investing

**General**

Subject code BUS Course Number 261  
 Course Title Fundamentals of Investing  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered  
 Fall and Spring

No Requirements

**Description**  
 Evaluation of various investment forms including study of inflation, taxation, government securities, stocks and bonds, real estate, and retirement plans.

### BUS297 - Workshop

**General**

Subject code BUS Course Number 297  
 Course Title Workshop  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 6  
 (Credit Hours) Value: 1  
 Credit Range  
 1 - 6  
 Semester Offered  
 Upon Request

No Requirements

**Activity**  
 Yes

**Description**  
 Designed to meet a variety of needs for students in Business.

### BUS298 - Workshop

**General**

Subject code BUS Course Number 298  
 Course Title Workshop  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range  
 1 - 3  
 Semester Offered  
 Upon Request

No Requirements

**Activity**  
 Yes  
**Description**  
 Designed to meet a variety of needs for students in Business.

### BUS299 - Independent Study

**General**

Subject code BUS Course Number 299  
 Course Title Independent Study  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range  
 1 - 3  
 Semester Offered  
 Upon Request

No Requirements

**Activity**  
 Yes  
**Description**  
 Design and execution of original projects under faculty supervision.

### CAM100 - Introduction to Machining Processes

**General**

Subject code CAM Course Number 100  
 Course Title Introduction to Machining Processes  
**Credit Hours**  
 (Credit Hours) Value: 3  
 Semester Offered  
 Fall

No Requirements

**Description**  
 This course teaches the principles of machining and metal cutting using modern machine tools, precision measuring tools, datum/reference planes, tolerances, and includes an introduction to CNC programming and tooling. Students will learn machining processes for lathe and milling machines.

### CAM140 - Introduction to CNC Programming

**General**

Subject code Course Number  
CAM 140

Course Title  
Introduction to CNC Programming

**Credit Hours**

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
CAM 100 or Instructor approval

Description  
This course focuses on using Computer Numerical Control (CNC) lathes and mills to produce projects. Students will be required to design and develop projects on the CNC program for various CNC Machines.

### CAM210 - Additive Manufacturing

**General**

Subject code Course Number  
CAM 210

Course Title  
Additive Manufacturing

**Credit Hours**

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
DRF 154 or DRF 220

Description  
This covers the history and evolution of additive manufacturing, highlighting its impact across various industries. Students will explore a range of applications, from prototyping to end-use production and receive hands-on experience in operating 3D printers.

### CAM240 - Advanced CNC Programming

**General**

Subject code Course Number  
CAM 240

Course Title  
Advanced CNC Programming

**Credit Hours**

(Credit Hours) Value:  
3

Semester Offered  
Fall

Prerequisites  
CAM 140 and DRF 220 or Instructor approval

Description  
This course focuses on using manual machines, 3D printers, laser cutters, CNC (Computer Numerical Control) routers, plasma cutters, and CNC lathes and mills to produce multiple projects. Core to this course will be the study of industry products to improve their function and usability. Students will be required to develop and follow a manufacturing process plan from CAD (computer aided design) drawing. Students will also be required to upload a project's machine code and manufacture parts within drawing/print callouts and specifications.

### CDL100 - CDL THEORY

**General**

Subject code Course Number  
CDL 100

Course Title  
CDL THEORY

**Credit Hours**

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
2

Semester Offered  
Upon Request

Prerequisites  
Admission to Eastern Arizona College's CDL Program

### CDL101 - Commercial Driving: Closed Course

**General**

Subject code Course Number  
CDL 101

Course Title  
Commercial Driving: Closed Course

**Credit Hours**

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
2

Semester Offered  
Upon Request

Prerequisites  
Instructor Approval

Course Fee(s) Fee Amount  
Yes 200.00

Description  
Students must have a current CDL Learners Permit from Arizona Department of Transportation/Motor Vehicle Division (MVD) and a current U.S. Department of Transportation Medical Certificate. This course covers trip planning, pre-trip inspections, driver's hours of service rules, managing log books, using an air brake system, proper procedures for backing and parking tractor trailers, coupling and uncoupling tractor trailers, cargo handling, and compliance, safety, and accountability. Students will be operating a commercial vehicle on a closed course. This course requires an additional course fee.

### CDL102 - Commercial Driving: Behind the Wheel

**General**

Subject code Course Number  
CDL 102

Course Title  
Commercial Driving: Behind the Wheel

**Credit Hours**

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
1

Semester Offered  
Upon Request

Prerequisites  
Instructor Approval

Course Fee(s) Fee Amount  
Yes 300.00

Description  
Students must have a current CDL Learners Permit from Arizona Department of Transportation/Motor Vehicle Division (ADOT MVD) and a current U.S. Department of Transportation Medical Certificate. This course covers commercial vehicle inspections and the continued skill development of combination vehicle maneuvers including braking, turning, shifting, space management, and speed control. Students will follow Federal Motor Carrier Safety Administration (FMCSA) and ADOT guidelines and rules while driving the commercial vehicle on the open road. This course requires an additional course fee.

**CDL110 - Commercial Driving: Behind the Wheel Refresher****General**

Subject code	Course Number
CDL	110

Course Title  
Commercial Driving: Behind the Wheel Refresher

**Credit Hours**

(Credit Hours) Min:	(Credit Hours) Max:
0	0

(Credit Hours) Value:  
1

Semester Offered  
Upon Request

Prerequisites  
Instructor Approval

Course Fee(s)	Fee Amount
Yes	300.00

**Description**

Students must have a current CDL license or Learners Permit from Arizona Department of Transportation/Motor Vehicle Division (ADOT MVD) and a current U.S. Department of Transportation Medical Certificate. This course covers commercial vehicle inspections and the continued skill development of combination vehicle maneuvers including braking, turning, shifting, space management, and speed control. Students will follow Federal Motor Carrier Safety Administration (FMCSA) and ADOT guidelines and rules while driving the commercial vehicle on the open road. This course requires an additional course fee.

**CHM151 - General Chemistry I****General**

Subject code	Course Number	SUN Number
CHM	151	CHM 1151

Course Title  
General Chemistry I

**Credit Hours**

(Credit Hours) Min:	(Credit Hours) Max:
0	0

(Credit Hours) Value:  
4

General Education Category  
Natural Sciences

Semester Offered  
Fall

Prerequisites  
ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

**Description**

Provides the student with knowledge of the fundamental principles of chemistry with an emphasis on matter and measurement, states of matter, atomic structure, chemical periodicity, chemical bonding, chemical reactions, stoichiometry, energy of reactions, aqueous solutions, and properties of gases. The student also applies critical thinking strategies in scenario and inquiry-based laboratory activities. Recommend completion of at least two years high school algebra and one year high school chemistry or college equivalent.

**CHM130 - Fundamental Chemistry****General**

Subject code	Course Number	SUN Number
CHM	130	1130

Course Title  
Fundamental Chemistry

**Credit Hours**

(Credit Hours) Min:	(Credit Hours) Max:
0	0

(Credit Hours) Value:  
4

General Education Category  
Natural Sciences

Semester Offered  
Fall and Spring

Prerequisites  
ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

**Description**

This course is designed to help students understand basic chemical principles and master problem-solving skills. Students will develop an understanding of how those concepts and skills are relevant to other courses and their daily lives. Chemical topics covered in the course include basic science concepts, measurements, atomic theory, bonding, stoichiometry, states of matter, solutions, acids and bases, and nuclear chemistry.

**CHM152 - General Chemistry II****General**

Subject code	Course Number	SUN Number
CHM	152	CHM 1152

Course Title  
General Chemistry II

**Credit Hours**

(Credit Hours) Min:	(Credit Hours) Max:
0	0

(Credit Hours) Value:  
4

General Education Category  
Natural Sciences

Semester Offered  
Spring

Prerequisites  
CHM 151

**Description**

Provides the student with knowledge of the fundamental principles of chemistry with an emphasis on the control of chemical reactions and the chemistry of the elements. Chemical kinetics, equilibria, acids-base chemistry, entropy of reactions, electron transfer reactions, nuclear chemistry, and an introduction to organic chemistry will be explored. The student will also apply critical thinking strategies in scenario and inquiry-based laboratory activities.

**CHM138 - An Introduction to General, Organic, and Biological Chemistry****General**

Subject code	Course Number
CHM	138

Course Title  
An Introduction to General, Organic, and Biological Chemistry

**Credit Hours**

(Credit Hours) Min:	(Credit Hours) Max:
0	0

(Credit Hours) Value:  
4

General Education Category  
Natural Sciences

Semester Offered  
Fall and Spring

Prerequisites  
ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

**Description**

For students with little or no background in chemistry. The first half of this one semester course includes an introduction to general principles of chemistry including measurements, atomic structure, chemical bonding, naming compounds, states of matter, solutions, and chemical reactions with applications in health care. The second half of the course covers aspects of organic and biological chemistry that directly affect health care. They include sections on hydrocarbons, organic functional groups, carbohydrates, lipids, proteins, enzymes, nucleic acids, and metabolic pathways that provide energy for life.

**CHM235 - General Organic Chemistry I****General**

Subject code	Course Number	SUN Number
CHM	235	CHM 2235

Course Title  
General Organic Chemistry I

**Credit Hours**

(Credit Hours) Min:	(Credit Hours) Max:
0	0

(Credit Hours) Value:  
4

General Education Category  
Natural Sciences

Semester Offered  
Fall

Prerequisites  
CHM 152

**Description**

General principles of organic chemistry with emphasis on reactivity and synthesis. Topics include bonding, structure and properties of organic compounds, stereochemistry, overview of organic reactions, kinetics and thermodynamics, structure, synthesis, and reaction of alkenes, alkynes, and alkyl halides, nucleophilic substitution and elimination reactions, structure determination using Mass Spectrometry, Infrared Spectroscopy, and Nuclear Magnetic Resonance Spectroscopy, aromaticity, and electrophilic aromatic substitution reactions.

## CHM236 - General Organic Chemistry II

### General

Subject code CHM Course Number 236 SUN Number CHM 2236

Course Title  
General Organic Chemistry II

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
4

General Education Category  
Natural Sciences

Semester Offered  
Spring

Prerequisites  
CHM 235 with a grade of "C" or higher and ENG 101 with a grade of "C" or higher

Description  
Continuation of CHM 235. General principles of organic chemistry with continued emphasis on reactivity and synthesis. Topics include the study of alcohols, ethers, epoxides, sulfides, conjugated systems, aromatic compounds, ketones, aldehydes, amines, carboxylic acids and their derivatives, enols, carbohydrates, nucleic acids, amino acids, peptides, proteins, lipids, and polymers.

## CHM298 - Workshop

### General

Subject code CHM Course Number 298

Course Title  
Workshop

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

No Requirements

Description  
Designed to meet a variety of needs for students in Chemistry.

## CHM299 - Independent Study

### General

Subject code CHM Course Number 299

Course Title  
Independent Study

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

No Requirements

Description  
Design and execution of original projects under faculty supervision.

## CIS170 - Working in Technology

### General

Subject code CIS Course Number 170

Course Title  
Working in Technology

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Fall

No Requirements

Description  
Students will explore different areas of Information Systems/Technology in an effort to choose the right career path right for them. Students will explore educational and career options and evaluate which will best suit their needs. Emphasis is placed on creating a career and education plan to provide a clear path to success. Further, this course explores what technology is, what influences the acceptance of technology, and various skills needed to succeed in the field of Information Systems/Technology. Identical to CMP 100.

## CIS180 - IT Fundamentals

### General

Subject code CIS Course Number 180

Course Title  
IT Fundamentals

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Fall

No Requirements

Description  
This course covers TestOut IT Fundamentals Pro and prepares students for the TestOut IT Fundamentals Pro and CompTIA IT Fundamentals (FC0-U61) certification exams. Students considering careers in information technology will use multiple learning formats to acquire foundational concepts, knowledge, and skills. Identical to CMP 118.

## CIS183 - Cyber Security Essentials I

### General

Subject code CIS Course Number 183

Course Title  
Cyber Security Essentials I

### Credit Hours

(Credit Hours) Value:  
3

Semester Offered  
Fall

No Requirements

Description  
This course explores the world of cyber security from a preparatory level. Throughout the course, the student will learn what is involved in cyber security. You will explore the job responsibilities of an entry-level security analyst, discover the core skills and knowledge needed to become a security analyst and look at how organization's resources are protected from loss due to error or hacking.

## CIS184 - Cyber Security Essentials II

### General

Subject code CIS Course Number 184

Course Title Cyber Security Essentials II

### Credit Hours

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
This course explores the world of cyber security from a preparatory level. Throughout the course, the student will learn what is involved in cyber security. You will explore the job responsibilities of an entry-level security analyst, discover the core skills and knowledge needed to become a security analyst and look at how organization's resources are protected from loss due to error or hacking.

## CIS185 - Introduction to Cyber Security

### General

Subject code CIS Course Number 185

Course Title Introduction to Cyber Security

### Credit Hours

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
This course explores the world of cyber security from a preparatory level. Throughout the course, the student will learn what is involved in cyber security. You will explore the job responsibilities of an entry-level security analyst, discover the core skills and knowledge needed to become a security analyst and look at how organization's resources are protected from loss due to error or hacking.

## CIS190 - Operating Systems I

### General

Subject code CIS Course Number 190

Course Title Operating Systems I

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
In this course, the rationale behind various operating systems will be examined, namely: Microsoft Windows, Linux/Unix, MacOS, and iOS. Hands-on experience will be gained using each operating system, including desktop management, file and folder manipulation, configuration, data manipulation, networking, proper operating system management, and operating system settings.

## CIS191 - Securing Operating Systems

### General

Subject code CIS Course Number 191

Course Title Securing Operating Systems

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
In this course, the rationale behind various operating systems will be examined, namely: Microsoft Windows, Linux/Unix, MacOS, and iOS. Hands-on experience will be gained using each operating system, including desktop management, file and folder manipulation, configuration, data manipulation, networking, proper operating system management, and operating system settings. How to secure Windows, Linux, and MacOS and an introduction to Windows and Linux OS security forensics will be explored.

## CIS195 - Networking Systems I

### General

Subject code CIS Course Number 195

Course Title Networking Systems I

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
This course is designed to provide understanding of network signaling processes, hardware, installation, and troubleshooting. CompTIA Network+ exam objectives are covered in this course. Topics include: protocols, connections, software, network hardware, and the OSI Reference model, for use in local area networks (LANs) and wide area networks (WANs). This course also prepares one for continuing on to Microsoft and Cisco certifications. Identical to CMP 250.

## CIS201 - Securing Server Systems

### General

Subject code CIS Course Number 201

Course Title Securing Server Systems

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
In this course the Microsoft Windows Server family and various Linux Server Distributions are explored. Both offer a comprehensive set of services and features aimed to increase user productivity and data security in a wide range of different environments. Students learn how to configure and manage server storage, troubleshoot performance issues, as well as work with common Windows Server and Linux technologies, virtualization, and network services

### CIS210 - Cyber Security Technician I

**General**

Subject code CIS Course Number 210

Course Title Cyber Security Technician I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
 This class is designed to introduce students to the world of cyber security and prepare them for entrance into cyber security as a profession by equipping students with the skills they need to pursue and develop their careers as cyber security specialists, consultants, network engineers, IT administrators, and more. The class provides the opportunity to learn foundational cybersecurity concepts and skills. It will help prepare students to take EC-Council's Certified Cybersecurity Technician industry standard test.

### CIS211 - Cyber Security Technician II

**General**

Subject code CIS Course Number 211

Course Title Cyber Security Technician II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
 This class is designed to introduce students to the world of cyber security and prepare them for entrance into cyber security as a profession by equipping students with the skills they need to pursue and develop their careers as cyber security specialists, consultants, network engineers, IT administrators, and more. The class provides the opportunity to learn foundational cybersecurity concepts and skills. It will help prepare students to take EC-Council's Certified Cybersecurity Technician industry standard test.

### CIS215 - Incident Handler

**General**

Subject code CIS Course Number 215

Course Title Incident Handler

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
 This course is designed to provide a hands-on, structured approach for effective handling and responding to cyber security incidents. Students will gain in-depth knowledge and skills in incident handling and response preparation, incident validation and prioritization, incident escalation and notification, forensic evidence gathering and analysis, incident containment, systems recovery, and incident eradication.

### CIS220 - Hacking Forensic Investigator

**General**

Subject code CIS Course Number 220

Course Title Hacking Forensic Investigator

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites CIS 190 Operating Systems OR CIS 191 Securing Operating Systems OR Instructor Approval.

**Description**  
 This course is designed to provide necessary skills to perform an effective digital forensics investigation. The course presents a methodological approach to computer forensics, including searching and seizing, chain-of-custody, acquisition, preservation, analysis, and reporting of digital evidence. It is a comprehensive course covering major forensic investigation scenarios that enable the acquisition of necessary hands-on experience on various forensic investigation techniques and standard forensic tools necessary to successfully carry out a computer forensic investigation leading to the prosecution of perpetrators.

### CIS225 - Network Defender

**General**

Subject code CIS Course Number 225

Course Title Network Defender

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
 This course is designed to provide necessary skills needed to analyze the internal and external security threats against a network and to implement security mechanisms to protect an organization's information. The course helps to evaluate network and Internet security issues and provides security solutions such as designing a security policy, troubleshooting networks, and digital signatures.

### CIS235 - Ethical Hacker I

**General**

Subject code CIS Course Number 235

Course Title Ethical Hacker I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

Prerequisites CIS 210 Cyber Security Technician I OR Instructor Approval

**Description**  
 This course is designed to provide an insight into current security scenario and increasing hacking attempts on various information systems. The goal of ethical hacking and countermeasures is to help the organizations take preemptive measures against malicious attacks by attacking the system themselves while staying within legal limits. Identical to CMP 284.

### CIS236 - Ethical Hacker II

**General**

Subject code CIS Course Number 236

Course Title Ethical Hacker II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
 This course is designed to provide an insight of current security scenario and increasing hacking attempts on various information systems. The goal of ethical hacking and countermeasures is to help the organizations take preemptive measures against malicious attacks by attacking the systems themselves while staying within legal limits.

### CIS239 - Cyber Security Capstone

**General**

Subject code CIS Course Number 239

Course Title Cyber Security Capstone

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

**Prerequisites**  
 CIS 170, CIS 235, or concurrent enrollment in CIS 170, CIS 235, or instructor approval

**Description**  
 This course will serve Cyber Security program majors. The course will require students to synthesize and articulate learning from several core Cyber Security program courses. The course will discuss testing and learning techniques, allow students to prep for certification exams, and provide them with skills needed to obtain employment.

### CMP099 - Computers for Beginners

**General**

Subject code CMP Course Number 099

Course Title Computers for Beginners

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

No Requirements

**Activity**  
 Yes

**Description**  
 A first course for beginning computer users designed to introduce students who have never used a computer to the basic elements of running a computer in a comfortable, structured manner with significant instructor support in the lecture/ demonstration mode.

### CMP101 - Introduction to Computers

**General**

Subject code CMP Course Number 101

Course Title Introduction to Computers

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category AAS Degrees Only, Options

Semester Offered Fall and Spring

No Requirements

**Description**  
 A first course in computers designed to provide students with a hands-on experience of the personal computer and its uses in society. Basic operating system functions as well as application programs from the current Microsoft Office Suite will be taught including Word, Excel, and PowerPoint. True beginners may want to consider CMP 099, Computers for Beginners, before taking this course.

### CMP103 - Introduction to Computer Based Systems

**General**

Subject code CMP Course Number 103

Course Title Introduction to Computer Based Systems

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category AAS Degrees Only, Options

Semester Offered Fall and Spring

**Prerequisites**  
 ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

**Description**  
 Explores the world of computers in business and society. Included topics are: digital literacy, the Internet and its multiple uses, AI, computers and mobile devices, programs and apps, digital safety/security, coding/programming, components of computers and mobile devices, definitions and examples of input and output, communications and networks, information and data management, and information systems. Business applications emphasize spreadsheet/database creation and manipulation. Word processing and email systems are also covered.

### CMP108 - Introduction to Keyboarding Technique

**General**

Subject code CMP Course Number 108

Course Title Introduction to Keyboarding Technique

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

**Description**  
 This course is designed to teach the keyboard and proper keyboarding technique. Identical to AIS 108.

### CMP109 - Intermediate Principles of IT

**General**

Subject code Course Number  
 CMP 109

Course Title  
 Intermediate Principles of IT

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 2

Semester Offered  
 Spring

Simple Requisites

**Prerequisite Type**  
 Completion Requirement

**Complete ALL of the following Courses:**

- CMP107 - Basic Principles of IT

Description  
 Continuation of CMP 107.

### CMP110AM - PC Troubleshooting and Repair

**General**

Subject code Course Number  
 CMP 110AM

Course Title  
 PC Troubleshooting and Repair

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 1

Semester Offered  
 Upon Request

No Requirements

Description  
 This course is designed to teach the basic principles of PC troubleshooting and repair, including providing a basic knowledge of PC components and their function and how to use Window built-in diagnostic tools. It provides a foundation in diagnosing common symptoms and catastrophic failures as well as proper hardware handling and removal and reinstallation of common components. It is recommended that students be familiar with basic Windows operating systems, navigation and menu and be able to use small hand tools.

### CMP110AN - Intermediate PC Troubleshooting and Repair

**General**

Subject code Course Number  
 CMP 110AN

Course Title  
 Intermediate PC Troubleshooting and Repair

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 1

Semester Offered  
 Upon Request

No Requirements

Description  
 This course is a follow-up to CMP 110AM, providing intermediate PC troubleshooting and repair. Includes diagnosing common Windows system failures, changing system configurations, BIOS, and registry; downloading peripheral device drivers, and removal of CPU and motherboard. Recommendation: Completion of CMP 110AM or equivalent.

### CMP121 - Visual Basic Programming I

**General**

Subject code Course Number  
 CMP 121

Course Title  
 Visual Basic Programming I

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 3

General Education Category  
 AAS Degrees Only, Options

Semester Offered  
 Upon Request

No Requirements

Description  
 A comprehensive introduction to event-driven, object-oriented computer programming using the Visual Basic programming language. Students learn to write problem-solving programs and develop a wide variety of Windows applications in a graphical environment. The course uses Visual Basic to illustrate good programming practices, application development techniques, and overall visual design.

### CMP124 - Computer Programming I

**General**

Subject code Course Number  
 CMP 124

Course Title  
 Computer Programming I

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 3

Semester Offered  
 Fall

No Requirements

Description  
 A comprehensive introduction to software and programming concepts. Students will learn to write problem-solving programs and develop a wide variety of applications. The course uses a variety of techniques to illustrate good programming practices, application development techniques, and overall visual design. General programming concepts including data types, classes, objects, methods, decision and repetition structures, and string and array manipulation will be covered. Computer literacy is assumed.

### CMP125 - Computer Programming II

**General**

Subject code Course Number  
 CMP 125

Course Title  
 Computer Programming II

**Credit Hours**

(Credit Hours) Value:  
 3

Semester Offered  
 Upon Request

No Requirements

Description  
 This course is an intermediate programming course for occupational computer majors and students transferring to universities in a business program. Students will learn to write problem-solving programs and develop a wide variety of applications. The course uses a variety of techniques to illustrate good programming practices, application development techniques, and overall visual design. Computer literacy is assumed.

### CMP126 - Java Programming I

#### General

Subject code  
CMP

Course Title  
Java Programming I

**Credit Hours**  
(Credit Hours) Min:  
0

(Credit Hours) Max:  
0

(Credit Hours) Value:  
3

Semester Offered  
Spring

Course Number  
126

No Requirements

Description  
An introductory programming course for vocational computer or engineering majors. Course concentration includes object-oriented programming including data types, classes, objects, methods, decision and repetition structures, string and array manipulation.

### CMP145 - iOS Application Development I

#### General

Subject code  
CMP

Course Title  
iOS Application Development I

**Credit Hours**  
(Credit Hours) Min:  
0

(Credit Hours) Max:  
0

(Credit Hours) Value:  
3

Semester Offered  
Upon Request

Course Number  
145

No Requirements

Description  
This course is an introductory programming course for vocational computer majors utilizing the Xcode application, the programming language Swift, and various iOS frameworks. Students will explore design patterns, coding conventions and guidelines, and essential concepts including storyboards and Cocoa Touch Frameworks. Computer literacy is assumed.

### CMP128 - C# Programming I

#### General

Subject code  
CMP

Course Title  
C# Programming I

**Credit Hours**  
(Credit Hours) Min:  
0

(Credit Hours) Max:  
0

(Credit Hours) Value:  
3

General Education Category  
AAS Degrees Only, Options

Semester Offered  
Fall and Spring

Course Number  
128

No Requirements

Description  
C# Programming I is an introductory programming course for vocational computer majors and students transferring to universities in a business program. Course concentration includes the Visual Studios integrated development environment including user interfaces and controls, and object-oriented programming concepts including data types, classes, objects, methods, decision and repetition structures, and string and array manipulation. Computer literacy is assumed. Identical to EGR 130.

### CMP155 - Google IT Professional I

#### General

Subject code  
CMP

Course Title  
Google IT Professional I

**Credit Hours**  
(Credit Hours) Min:  
0

(Credit Hours) Max:  
0

(Credit Hours) Value:  
3

Semester Offered  
Spring

Course Number  
155

No Requirements

Description  
This course is based on Google's IT Professional Certificates, which are designed to provide the job-ready skills students need to start or advance their IT careers. This course along with CMP 156, Google IT Professional II, introduces troubleshooting, customer service, networking, operating systems, system administration, and security – all fundamentals of IT support that are critical for success in the workplace.

### CMP129 - C# Programming II

#### General

Subject code  
CMP

Course Title  
C# Programming II

**Credit Hours**  
(Credit Hours) Min:  
0

(Credit Hours) Max:  
0

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
CMP 128

Course Number  
129

Description  
This course is an intermediate programming course for occupational computer majors and students transferring to universities in a business program. Course concentration includes the Visual Studio integrated development environment including user interfaces and controls, object-oriented programming concepts including structures, enumerated types, dictionaries, classes, and databases. Computer literacy is assumed.

### CMP156 - Google IT Professional II

#### General

Subject code  
CMP

Course Title  
Google IT Professional II

**Credit Hours**  
(Credit Hours) Min:  
0

(Credit Hours) Max:  
0

(Credit Hours) Value:  
3

Semester Offered  
Spring

Course Number  
156

No Requirements

Description  
This course is based on Google's IT Professional Certificates, which are designed to provide the job-ready skills students need to start or advance their IT careers. This course along with CMP 156, Google IT Professional II, introduces troubleshooting, customer service, networking, operating systems, system administration, and security – all fundamentals of IT support that are critical for success in the workplace.

### CMP161 - Electronic Spreadsheet with Microsoft Excel

**General**

Subject code Course Number  
CMP 161

Course Title  
Electronic Spreadsheet with Microsoft Excel

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Fall and Spring

No Requirements

**Description**  
Comprehensive, practical applications and techniques using Microsoft Excel with hands-on experience in the computer laboratory. The beginning through advanced spreadsheet procedures taught will prepare the student to pass the Microsoft MOUS Expert Certification test. It is recommended that one introductory course in computers be completed prior to enrolling in this course.

### CMP240 - Desktop Publishing

**General**

Subject code Course Number  
CMP 240

Course Title  
Desktop Publishing

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Fall

No Requirements

**Description**  
Emphasizes basic to intermediate skills in desktop publishing through a variety of modern, real-life activities using current versions of Microsoft Publisher and Microsoft Word. Students will develop skills in making design and typography decisions, handling multi-column documents, inserting and editing graphics, and creating styles and charts. Students will create a portfolio of business documents to demonstrate mastery. Word processing skill is needed. Identical to AIS 240.

### CMP170 - Database Management with Microsoft Access

**General**

Subject code Course Number  
CMP 170

Course Title  
Database Management with Microsoft Access

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Fall and Spring

Prerequisites  
CMP 101 or CMP 103

**Description**  
This course provides a comprehensive introduction to the fundamental concepts and techniques of database systems. Students will explore the principles of database design, implementation, and management. Key topics include data modeling, relational databases, SQL (Structured Query Language), normalization, and database security. Through hands-on projects and practical exercises, students will gain experience in designing and querying databases, ensuring data integrity, and optimizing database performance. By the end of the course, students will be equipped with the skills necessary to manage and utilize databases effectively in various applications.

### CMP272 - Website Development I

**General**

Subject code Course Number  
CMP 272

Course Title  
Website Development I

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Fall and Spring

No Requirements

**Description**  
This course prepares the student to develop basic websites for use in all areas of society. The student will develop an understanding of networking requirements for the Internet in regards to web development. Students will learn web site design, planning, and organizational skills. The student will learn and use a wide variety of website development tools at introductory levels. Applications and skills taught will include beginning Dreamweaver, HTML, XHTML, all current standards in industry. Before enrolling in this course, it is suggested the student have a thorough knowledge of Internet terminology and be comfortable using common Internet features including uploading and downloading files. To be successful, intermediate skills in file management, i.e., saving, copying, moving, and creating files and folders, are needed. A beginning course in the Internet or Operating Systems would be helpful.

### CMP201 - Systems and Procedures

**General**

Subject code Course Number  
CMP 201

Course Title  
Systems and Procedures

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
CMP 103 or instructor approval

**Description**  
This course introduces the elements of information systems used in business organizations. Students will learn about systems development, e-business and e-commerce strategies, network and telecommunication issues, enterprise systems, ethics relating to information technology, and project and database management. Concepts will be reinforced through group participation in the form of research, hands-on activities, projects, and presentations. Students will use Microsoft Office, Microsoft Project, and other software as needed to complete individual and group projects.

### CMP273 - Website Development II

**General**

Subject code Course Number  
CMP 273

Course Title  
Website Development II

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
CMP 272

**Description**  
This course prepares the student to develop advanced websites for use in all areas of society. The student will learn and use a wide variety of website development tools at advanced levels. Applications and skills taught will include, but not be limited to, Dreamweaver, HTML, jQuery, JavaScript, Bootstrap, CSS Grids, and all current standards in industry.

## CMP280 - Database Design and Development

### General

Subject code  
CMP

Course Number  
280

Course Title  
Database Design and Development

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Spring

No Requirements

### Description

This course is designed to provide individuals with a complete introduction to database concepts and the relational database model. Topics include SQL, normalization, design methodology, DBMS functions, database administration, and other database management approaches, such as client/server databases, and object oriented databases. At the completion of this course, students should be able to understand a user's database requirements and translate those requirements into a valid database design. Students should have already completed CMP 170 Database Management with Microsoft Access or possess equivalent knowledge.

## CMP297 - Workshop

### General

Subject code  
CMP

Course Number  
297

Course Title  
Workshop

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 6

(Credit Hours) Value:  
1

Credit Range  
1 - 6

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Designed to meet a variety of needs for students in Computers.

## CMP284 - Ethical Hacker I

### General

Subject code  
CMP

Course Number  
284

Course Title  
Ethical Hacker I

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Fall

No Requirements

### Description

This course is designed to provide an insight into current security scenario and increasing hacking attempts on various information systems. The goal of ethical hacking and countermeasures is to help the organizations take preemptive measures against malicious attacks by attacking the system themselves while staying within legal limits. Identical to CIS 235.

## CMP298 - Workshop

### General

Subject code  
CMP

Course Number  
298

Course Title  
Workshop

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Designed to meet a variety of needs for students in Computers.

## CMP291 - CIS Practicum

### General

Subject code  
CMP

Course Number  
291

Course Title  
CIS Practicum

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
5

Semester Offered  
Fall and Spring

Prerequisites  
CIS 170 OR CMP 100

### Description

A course to provide the computer major with an opportunity to gain work experience in the field of computers. The course makes use of all computer courses in the major and will be taken during the student's last semester of the degree or certificate course sequence.

## CMP299 - Independent Study

### General

Subject code  
CMP

Course Number  
299

Course Title  
Independent Study

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Design and execution of original projects under faculty supervision.

### COE101 - Job Seeking Strategies

**General**

Subject code Course Number  
 COE 101

Course Title  
 Job Seeking Strategies

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 1 2

(Credit Hours) Value:  
 1

Credit Range  
 1 - 2

Semester Offered  
 Upon Request

No Requirements

**Description**  
 This course is designed to help students develop the necessary paperwork to apply for jobs. Includes application, cover letter, résumé, references, letters of recommendation, and thank you notes. Communication and interviewing skills are developed and live interviews conducted.

### COE113 - Cooperative Education III (Occupational)

**General**

Subject code Course Number  
 COE 113

Course Title  
 Cooperative Education III (Occupational)

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 1 4

(Credit Hours) Value:  
 1

Credit Range  
 1 - 4

Semester Offered  
 Fall and Spring

No Requirements

**Activity**  
 Yes  
**Description**  
 Project plus 75 lab hours per credit.

### COE111 - Cooperative Education I (Occupational)

**General**

Subject code Course Number  
 COE 111

Course Title  
 Cooperative Education I (Occupational)

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 1 4

(Credit Hours) Value:  
 1

Credit Range  
 1 - 4

Semester Offered  
 Fall and Spring

No Requirements

**Activity**  
 Yes  
**Description**  
 Eastern Arizona College offers cooperative education courses for students who have selected a career objective. Designed to give students the opportunity to learn through supervised work experiences, the course integrates students' educational activities with on-the-job learning opportunities. Meetings with the coordinator are designed to assist students in identifying activities and competencies they will complete on the job. This can include learning job survival skills, improving technical skills, and developing effective human relations and communications skills. The courses are designed to serve students from all disciplines who wish to experience supervised on-the-job training as part of their skills, upgrade their positions, or move to new career areas through job-related experiences and goals described in a written training plan. Project plus 75 lab hours per credit.

### COE298 - Workshop

**General**

Subject code Course Number  
 COE 298

Course Title  
 Workshop

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 1 3

(Credit Hours) Value:  
 1

Credit Range  
 1 - 3

Semester Offered  
 Upon Request

No Requirements

**Activity**  
 Yes  
**Description**  
 Designed to meet a variety of needs for students in Cooperative Education.

### COE299 - Independent Study

**General**

Subject code Course Number  
 COE 299

Course Title  
 Independent Study

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 1 3

(Credit Hours) Value:  
 1

Credit Range  
 1 - 3

Semester Offered  
 Upon Request

No Requirements

**Activity**  
 Yes  
**Description**  
 Design and execution of original projects under faculty supervision.

### COE112 - Cooperative Education II (Occupational)

**General**

Subject code Course Number  
 COE 112

Course Title  
 Cooperative Education II (Occupational)

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 1 4

(Credit Hours) Value:  
 1

Credit Range  
 1 - 4

Semester Offered  
 Fall and Spring

No Requirements

**Activity**  
 Yes  
**Description**  
 Project plus 75 lab hours per credit.

## COM100 - Introduction to Human Communication

### General

Subject code                      Course Number                      SUN Number  
COM                                      100                                      1100

Course Title  
Introduction to Human Communication

### Credit Hours

(Credit Hours) Min:                                      (Credit Hours) Max:  
3    3

(Credit Hours) Value:  
3

Semester Offered  
Fall

No Requirements

Description  
A topics-oriented introduction to basic theories, dimensions, and concepts of human communicative interaction and behavior.

## COM115 - Introduction to Interpersonal Communication

### General

Subject code                      Course Number                      SUN Number  
COM                                      115                                      1110

Course Title  
Introduction to Interpersonal Communication

### Credit Hours

(Credit Hours) Min:                                      (Credit Hours) Max:  
0    0

(Credit Hours) Value:  
3

General Education Category  
Social and Behavioral Sciences

Semester Offered  
Fall

Prerequisites  
ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
This course will introduce students to the concepts and practices involved in interpersonal communication interactions. The course will cover the many dimensions of interpersonal communication including, but not exclusively, fundamental building blocks, perceptions, and self-concepts as they relate to communication interactions, interpersonal relationships, nonverbal communications, interpersonal conflict, deception, and interpersonal skills and dynamics in personal and professional relationships.

## COM200 - Basic Communication Theory

### General

Subject code                      Course Number  
COM                                      200

Course Title  
Basic Communication Theory

### Credit Hours

(Credit Hours) Min:                                      (Credit Hours) Max:  
0    0

(Credit Hours) Value:  
3

Semester Offered  
Fall

Prerequisites  
ENG 101 with a grade of "C" or higher

Description  
This course will introduce students to the breadth of theoretical approaches in the field of communication. The course will survey the many dimensions of study including, but not exclusively, interpersonal communication, influence, media, rhetorical analysis, organizational, and gender communication focus areas.

## COM201 - Public Speaking

### General

Subject code                      Course Number  
COM                                      201

Course Title  
Public Speaking

### Credit Hours

(Credit Hours) Min:                                      (Credit Hours) Max:  
0    0

(Credit Hours) Value:  
3

General Education Category  
Social and Behavioral Sciences

Semester Offered  
Fall and Spring

Prerequisites  
ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
Study and practice of effective, audience-centered public speaking. Includes methodology of written and spoken communication.

## COM205 - Survey of Communication Research

### General

Subject code                      Course Number  
COM                                      205

Course Title  
Survey of Communication Research

### Credit Hours

(Credit Hours) Min:                                      (Credit Hours) Max:  
0    0

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
ENG 101 with a grade of "C" or higher and COM 200 with a grade of "C" or higher

Description  
This course introduces students to the breadth of research approaches and application in the field of communication. The course surveys the many dimensions of research methodologies including, but not exclusively: ethnography, survey, factor analysis, rhetorical, historical, and narrative and auto-ethnographic analyses and research in media and popular culture.

## COM215 - Interviewing Principles and Practices

### General

Subject code                      Course Number  
COM                                      215

Course Title  
Interviewing Principles and Practices

### Credit Hours

(Credit Hours) Min:                                      (Credit Hours) Max:  
0    0

(Credit Hours) Value:  
3

General Education Category  
Written and Oral Communication

Semester Offered  
Fall

Prerequisites  
ENG 101 with a grade of "C" or higher

Description  
This course introduces students to the concepts and practices related to multiple interviewing approaches. The course covers the multiple methodologies, interview settings and approaches, communication behaviors and principles, written and oral interviewing practices, and addresses the interviewing skills of both an interviewer and interviewee. Structures of interviews, instrumentations, multiple formats including: informational, recruiting, survey, health, performance reviews, employment and persuasive interviews is also covered.

## COM250 - Introduction to Public Relations

### General

Subject code Course Number  
COM 250

Course Title  
Introduction to Public Relations

### Credit Hours

(Credit Hours) Value:  
3

Semester Offered  
Fall and Spring

No Requirements

### Description

This is a fundamental course in public relations that is designed to offer students an overview of public relations from a communication perspective. It's intended to develop in students a broad and basic understanding of public relations — what it encompasses, its history and influences, and its practices and processes in the contemporary business world and in society at large. Ethical issues for public relations practitioners will be considered, as well as the impact of globalization and new technologies in this field, through the examination of current events and case studies.

## COM260 - Elements of Intercultural Communication

### General

Subject code Course Number  
COM 260

Course Title  
Elements of Intercultural Communication

### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

General Education Category  
Written and Oral Communication, Social and Behavioral Sciences

Semester Offered  
Spring, Fall

Prerequisites  
ENG 101 with a grade of "C" or higher

### Description

This course will introduce students to intercultural and cross-cultural concepts and practices in the field of communication. The course covers globalization of communication, historical understandings of intercultural interactions, cultural identity, intercultural relationships, nonverbal communication expectancies, cultural practices, and the communication behaviors embedded within intercultural interactions.

## COM271 - Teamwork and Leadership

### General

Subject code Course Number  
COM 271

Course Title  
Teamwork and Leadership

### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

General Education Category  
Social and Behavioral Sciences

Semester Offered  
Spring

Prerequisites  
ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

### Description

This course will introduce students to the breadth of theoretical approaches and practices related to communication in small group settings. During the course, students will have the opportunity to study communication interaction approaches and put into practice the skills identified as effective communication strategies in small groups.

## COM298 - Workshop

### General

Subject code Course Number  
COM 298

Course Title  
Workshop

### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
1 3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

No Requirements

### Description

Designed to meet a variety of needs for students in the Communication Studies Program.

## COM299 - Independent Study

### General

Subject code Course Number  
COM 299

Course Title  
Independent Study

### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
1 3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

No Requirements

### Description

Designed to meet a variety of needs for students in the Communication Studies Program.

## COS105 - Theory of Cosmetology III

### General

Subject code Course Number  
COS 105

Course Title  
Theory of Cosmetology III

### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
2

Semester Offered  
Upon Request

Prerequisites  
COS 103 or concurrent enrollment in COS 103

Course Fee(s) Fee Amount  
Yes 360.00

### Description

Continuation of Cosmetology Theory at an advanced level. Basic manipulative skills in manicuring, shampooing, haircutting, curl construction, skin therapy, and hair treatments. Includes basic sciences in bacteriology, sanitation, and physiology pertaining to the head, face, hands, feet, legs, and arms. The course also includes ethics and salon management.

### COS107 - Theory of Cosmetology IV

**General**

Subject code COS Course Number 107

Course Title Theory of Cosmetology IV

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

Prerequisites COS 105 or concurrent enrollment in COS 105

Course Fee(s) Yes Fee Amount 360.00

Description Continuation of Cosmetology Theory at an advanced level to prepare for licensure and job opportunities. Basic manipulative skills in manicuring, shampooing, haircutting, hair coloring, hair relaxers, curl construction, skin therapy, and hair treatments. Includes basic sciences in bacteriology, sanitation, chemistry, and physiology pertaining to the head, face, hands, arms, legs, and feet. The course also includes professional ethics, licensure, and salon management.

### COS113 - Permanent Waving, Shampooing, and Hairstyling II

**General**

Subject code COS Course Number 113

Course Title Permanent Waving, Shampooing, and Hairstyling II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

Semester Offered Upon Request

Prerequisites COS 111 or concurrent enrollment in COS 111

Course Fee(s) Yes Fee Amount 720.00

Description Continuation of COS 111. Intermediate level of instruction in permanent waving, chemical straightening, curling, shampooing, and hairstyling. Students will be instructed in basic manipulative skills, knowledge and safety precautions when giving chemical wave or chemical relaxer. Designed to bring student up to an advanced level.

### COS108 - Skin Care I

**General**

Subject code COS Course Number 108

Course Title Skin Care I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Course Fee(s) Yes Fee Amount 180.00

Description Instruction in all basic facial manipulations, basic makeup application, hair removal, lash and brow tinting, and skin patch test.

### COS115 - Permanent Waving, Shampooing, and Hairstyling III

**General**

Subject code COS Course Number 115

Course Title Permanent Waving, Shampooing, and Hairstyling III

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

Prerequisites COS 113 or concurrent enrollment in COS 113

Course Fee(s) Yes Fee Amount 540.00

Description Continuation of COS 113. Advanced level of instruction in permanent waving, chemical straightening, curling, shampooing, and hairstyling. Students will be instructed in basic manipulative skills, knowledge and safety precautions when giving chemical wave or chemical relaxer. Designed to bring student up to a professional level.

### COS109 - Skin Care II

**General**

Subject code COS Course Number 109

Course Title Skin Care II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Fall and Spring

No Requirements

Course Fee(s) Yes Fee Amount 360.00

Description Continuation of COS 108. Instruction in intermediate facial manipulations, makeup application, hair removal, lash and brow tinting, and skin patch test.

### COS117 - Permanent Waving, Shampooing, and Hairstyling IV

**General**

Subject code COS Course Number 117

Course Title Permanent Waving, Shampooing, and Hairstyling IV

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

Prerequisites COS 115 or concurrent enrollment in COS 115

Course Fee(s) Yes Fee Amount 360.00

Description Continuation of COS 115. Professional level of instruction in permanent waving, chemical straightening, curling, shampooing, and hairstyling. Students will be instructed in basic manipulative skills, knowledge and safety precautions when giving chemical wave or chemical relaxer.

### COS133 - Haircutting, Scalp Treatment, and Tinting II

**General**

Subject code **Course Number**  
 COS 133

Course Title  
 Haircutting, Scalp Treatment, and Tinting II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
 4

Semester Offered  
 Upon Request

Prerequisites  
 COS 131 or concurrent enrollment in COS 131

Course Fee(s) **Fee Amount**  
 Yes 720.00

Description  
 Additional instruction in haircutting techniques. Professional corrective scalp treatment, massage, hair reconditioning, current methods of hair coloring, bleaching, special effects, color corrections, and a skin patch test.

### COS135 - Haircutting, Scalp Treatment, and Tinting III

**General**

Subject code **Course Number**  
 COS 135

Course Title  
 Haircutting, Scalp Treatment, and Tinting III

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
 4

Semester Offered  
 Upon Request

Prerequisites  
 COS 133 or concurrent enrollment in COS 133

Course Fee(s) **Fee Amount**  
 Yes 720.00

Description  
 Advanced instruction in haircutting techniques. Professional corrective scalp treatment, massage, hair reconditioning, current methods of hair coloring, bleaching, special effects, color corrections, and a skin patch test.

### COS137 - Haircutting, Scalp Treatment, and Tinting IV

**General**

Subject code **Course Number**  
 COS 137

Course Title  
 Haircutting, Scalp Treatment, and Tinting IV

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
 2

Semester Offered  
 Upon Request

Prerequisites  
 COS 135 or concurrent enrollment in COS 135

Course Fee(s) **Fee Amount**  
 Yes 360.00

Description  
 Professional instruction in haircutting techniques. Professional corrective scalp treatment, massage, hair reconditioning, current methods of hair coloring, bleaching, special effects, color corrections, and a skin patch test.

### COS141 - Cosmetology I

**General**

Subject code **Course Number**  
 COS 141

Course Title  
 Cosmetology I

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
 10

Semester Offered  
 Fall and Spring

No Requirements

Course Fee(s) **Fee Amount**  
 Yes 1800.00

Description  
 First 300-hours to be completed with the introduction to the basic skill in becoming a healthy professional, professional conduct and personal hygiene. Theory includes basic sciences of infection control, the introduction of recognizing the properties of the hair and scalp, scalp diseases and disorders, hair service preparation, principles of hair design and hair styling. Foundational practical skills will be introduced to become proficient in areas of cosmetology including client safety, all hair services; hair service preparation, hairstyling, chemical texture services haircoloring and haircutting, nail services; manicures, pedicures, artificial nail enhancements, and esthetic services; basic facials, makeup application, hair removal, facial hair tinting, eyebrow mapping/sharpening, eyelash/eyebrow perming, and eyelash extensions.

### COS142 - Cosmetology II

**General**

Subject code **Course Number**  
 COS 142

Course Title  
 Cosmetology II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
 10

Semester Offered  
 Fall and Spring

Prerequisites  
 COS 141 or concurrent enrollment in COS 141

Course Fee(s) **Fee Amount**  
 Yes 1800.00

Description  
 301-600 hours to be completed with development into skills in becoming a cosmetologist including theory in anatomy, skin structure and growth, hair removal, facials, and makeup. Practical skills begin to transition to an intermediate level of competence. A continuation in training in client safety, hair services; hairstyling, chemical texture services, haircoloring and haircutting, nail services; manicures, pedicures, artificial nail enhancements, esthetic services; basic facials, makeup application, hair removal, facial hair tinting, eyebrow mapping/shaping, eyelash/eyebrow perming, and eyelash extensions proceed.

### COS143 - Cosmetology III

**General**

Subject code **Course Number**  
 COS 143

Course Title  
 Cosmetology III

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
 10

Semester Offered  
 Fall and Spring

Prerequisites  
 COS 142 or concurrent enrollment in COS 142

Course Fee(s) **Fee Amount**  
 Yes 1800.00

Description  
 601-900 hours to be completed with continued training into skills in becoming a cosmetologist including theory in infection control, history of cosmetology, nail disorders and diseases, nail structure and growth, manicures, and pedicures. Theory and practical skills in chemical texture services continue, as well as intermediate practical skills in hair services including hairstyling, haircoloring and haircutting. Nail services include artificial nail enhancements. Esthetic services including, basic facials, makeup application, hair removal, facial hair tinting, eyebrow mapping/shaping, eyelash/eyebrow perming, and eyelash extensions at an intermediate level of competence.

### COS144 - Cosmetology IV

**General**

Subject code Course Number  
COS 144

Course Title  
Cosmetology IV

**Credit Hours**

(Credit Hours) Value:  
10

Semester Offered  
Fall and Spring

Prerequisites  
COS 143 or concurrent enrollment in COS 143

Course Fee(s) Fee Amount  
Yes 1800.00

Description  
901-1200 hours to be completed with continued training into skills in becoming proficient in cosmetology including theory in chemistry and chemical safety, electricity and electrical safety. Theory and practical skills in nail extensions and resin systems, liquid and powder nail enhancements, light cured gels, wigs, and hair additions, and braiding and braid extensions continue. Advanced practical skills in hair services including hairstyling, haircoloring, haircutting, and chemical texture services. Nail services including manicures, and pedicures. Esthetic services including, basic facials, makeup application, hair removal, facial hair tinting, eyebrow mapping/shaping, eyelash/eyebrow perming, and eyelash extensions at an advanced level of competence.

### COS145 - Cosmetology V

**General**

Subject code Course Number  
COS 145

Course Title  
Cosmetology V

**Credit Hours**

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
10

Semester Offered  
Summer

No Requirements

Course Fee(s) Fee Amount  
Yes 1800.00

Description  
1201-1500 hours to be completed with continued training into skills in becoming proficient in cosmetology including theory in life skills, professional image, communicating for success, career planning, on the job and the beauty business. Proficient practical skills hair services including hairstyling, haircoloring, haircutting and chemical texture services. Nail services including manicures and pedicures. Esthetic services including, basic facials, makeup application, hair removal, facial hair tinting, eyebrow mapping/shaping, eyelash/eyebrow perming, and eyelash extensions at an expert level of competence.

### COS151 - Nail Tech I

**General**

Subject code Course Number  
COS 151

Course Title  
Nail Tech I

**Credit Hours**

(Credit Hours) Value:  
10

Semester Offered  
Fall and Spring

No Requirements

Course Fee(s) Fee Amount  
Yes 1800.00

Description  
First 300 hours to be completed with foundational training into skills in becoming proficient in nail technology including theory in infection control, the healthy professional, history, and career opportunities, skin structure, disorders, diseases, nail structure, disorders, and diseases, general anatomy and physiology, communicating for success. Theory and practical training in manicuring, pedicuring, monomer liquid and polymer powder nail enhancements, electric filing and nail product chemistry. Practical skill application in nail tips and forms, nail resin systems, gel nail enhancements and nail art.

### COS152 - Nail Tech II

**General**

Subject code Course Number  
COS 152

Course Title  
Nail Tech II

**Credit Hours**

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
10

Semester Offered  
Fall and Spring

Prerequisites  
COS 151 or concurrent enrollment in COS 151

Course Fee(s) Fee Amount  
Yes 1800.00

Description  
301-600 hours to be completed with further training into skills in becoming proficient in nail technology including theory in nail tips and forms, nail resin systems, gel nail enhancements and nail art—as well as, chemistry and chemical safety, electricity and electrical safety, life skills, professional image, communication for success, career planning, on the job and the beauty business. Continue practical training in, manicuring, pedicuring, acrylic nail enhancements, and electric filing.

### COS161 - Cosmetology I

**General**

Subject code Course Number  
COS 161

Course Title  
Cosmetology I

**Credit Hours**

(Credit Hours) Value:  
13

Semester Offered  
Fall

No Requirements

Course Fee(s) Fee Amount  
Yes 2340.00

Description  
First 375-hours to be completed with the introduction to the basic skill in becoming a healthy professional, professional conduct and personal hygiene. Theory includes basic sciences of infection control, the introduction of recognizing the properties of the hair and scalp, scalp diseases and disorders, hair service preparation, principles of hair design and hair styling. Foundational practical skills will be introduced to become proficient in areas of cosmetology including client safety, all hair services; hair service preparation, hairstyling, chemical texture services, haircoloring and haircutting, nail services; manicures, pedicures, artificial nail enhancements, and esthetic services; basic facials, makeup application, hair removal, facial hair tinting, eyebrow mapping/shaping, eyelash/eyebrow perming, and eyelash extensions.

### COS162 - Cosmetology II

**General**

Subject code Course Number  
COS 162

Course Title  
Cosmetology II

**Credit Hours**

(Credit Hours) Value:  
12

Semester Offered  
Spring

Prerequisites  
COS 161 or concurrent enrollment

Course Fee(s) Fee Amount  
Yes 2160.00

Description  
376-750 hours to be completed with continued training into skills in becoming a cosmetologist including theory in infection control, history of cosmetology, nail disorders and diseases, nail structure and growth, manicures, and pedicures. Theory and practical skills in chemical texture services continue, as well as intermediate practical skills in hair services including hairstyling, haircoloring and haircutting. Nail services include artificial nail enhancements. Esthetic services including, basic facials, makeup applications, hair removal, facial hair tinting, eyebrow mapping/shaping, eyelash/eyebrow perming, and eyelash extensions at an intermediate level of competence.

### COS163 - Cosmetology III

**General**

Subject code Course Number  
 COS 163

Course Title  
 Cosmetology III

**Credit Hours**

(Credit Hours) Value:  
 13

Semester Offered  
 Fall

Prerequisites  
 COS 162 or concurrent enrollment in COS 162

Course Fee(s) Fee Amount  
 Yes 2340.00

Description  
 751-1,125 hours to be completed with development into skills in becoming a cosmetologist including theory in anatomy, skin structure and growth, hair removal, facials, and makeup. Practical skills begin to transition to an advanced beginner level of competence. A continuation in training in client safety, hair services; hairstyling, chemical texture services, haircoloring and haircutting, nail services; manicures, pedicures, artificial nail enhancement, esthetic services; basic facials, makeup application, hair removal, facial hair tinting, eyebrow mapping/shaping, eyelash/eyebrow perming, and eyelash extensions proceed.

### COS164 - Cosmetology IV

**General**

Subject code Course Number  
 COS 164

Course Title  
 Cosmetology IV

**Credit Hours**

(Credit Hours) Value:  
 12

Semester Offered  
 Spring

Prerequisites  
 COS 163 or concurrent enrollment in COS 163

Course Fee(s) Fee Amount  
 Yes 2160.00

Description  
 1,126-1400 hours to be completed with continued training into skills in becoming proficient in cosmetology including theory in chemistry and chemical safety, electricity and electrical safety. Theory and practical skills in nail extensions and resin systems, liquid and powder nail enhancements, light cured gels, wigs and hair additions, and braiding and braid extensions continue. Advanced practical skills in hair services including hairstyling, haircoloring, haircutting and chemical texture services. Nail services including manicures and pedicures. Esthetic services including, basic facials, makeup application, hair removal, facial hair tinting, eyebrow mapping/shaping, eyelash/eyebrow perming, and eyelash extensions at an advanced level of competence.

### COS201 - Cosmetology Professional Educator

**General**

Subject code Course Number  
 COS 201

Course Title  
 Cosmetology Professional Educator

**Credit Hours**

(Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 10

Semester Offered  
 Upon Request

No Requirements

Course Fee(s) Fee Amount  
 Yes 1800.00

Description  
 350 hours to be completed toward education to become a professional educator as it relates to the field of cosmetology. Theory and practical education in preparation to teach all skills related to cosmetology, and all related practices. Course will include learner characteristics and learning principles, methods of teaching and learning, effective presentations, program development and lesson planning, educational aids and technology, assessing progress and advising students, learning is a laughing matter, classroom management and supervision, the student salon, the professional educator, communicating confidently, student retention, teams at work, evaluating professional performance, study and testing skills, challenges to learning, success strategies for students and employment preparation and business fundamentals.

### COS240 - Cosmetology Refresher I

**General**

Subject code Course Number  
 COS 240

Course Title  
 Cosmetology Refresher I

**Credit Hours**

(Credit Hours) Min: (Credit Hours) Max:  
 1 6

(Credit Hours) Value:  
 1

Credit Range  
 1 - 6

Semester Offered  
 Upon Request

No Requirements

Course Fee(s) Fee Amount  
 Yes 180.00 per credit

Description  
 Professional level of instruction in basic cosmetology techniques; permanent waving, chemical straightening, curling, shampooing, and hairstyling. Advanced instruction in haircutting techniques, hair color, bleaching, special effects, and color correction. Students will be instructed in these basic techniques to ensure salon readiness.

### COS241 - Cosmetology Refresher II

**General**

Subject code Course Number  
 COS 241

Course Title  
 Cosmetology Refresher II

**Credit Hours**

(Credit Hours) Min: (Credit Hours) Max:  
 2 6

(Credit Hours) Value:  
 2

Credit Range  
 2 - 6

Semester Offered  
 Upon Request

Prerequisites  
 COS 240 or concurrent enrollment in COS 240

Course Fee(s) Fee Amount  
 Yes 180.00 Per Credit

Description  
 Professional level of instruction in advanced cosmetology techniques. Cosmetology students will work with lead cosmetology instructors to achieve the skills needed to better prepare for the Arizona Board of Cosmetology exam and enhance their practical skills to work in the industry. Student Instructors will work individually with each student in the cosmetology program to help them achieve the cosmetology hours needed and enhance their cosmetology skills to ensure salon readiness.

### CSL103 - Leadership Techniques I

**General**

Subject code Course Number  
 CSL 103

Course Title  
 Leadership Techniques I

**Credit Hours**

(Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 1

Semester Offered  
 Fall

No Requirements

Activity  
 Yes

Description  
 This course on leadership is designed to provide the student with an opportunity to evaluate, understand, and sharpen their personal leadership skills. The focus of the course will be to learn and understand The 7 Habits of Highly Effective College Students.

### CSL109 - Orientation to Student Success

**General**

Subject code Course Number  
 CSL 109

Course Title  
 Orientation to Student Success

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 1

No Requirements

Description  
 Provides the students with the ability to develop study strategies and to plan their academic programs and career decisions.

### CSL111 - Leadership for Organizational Development

**General**

Subject code Course Number  
 CSL 111

Course Title  
 Leadership for Organizational Development

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 2

No Requirements

Description  
 A first course in leadership for organizational development designed to provide students with communication, organizational management, and leadership skills.

### CSL114 - Leadership Techniques II

**General**

Subject code Course Number  
 CSL 114

Course Title  
 Leadership Techniques II

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 1

Semester Offered  
 Spring

No Requirements

Activity  
 Yes

Description  
 This course on leadership is designed to provide the student with an opportunity to research, review, and understand various characteristics of personal leadership.

### CSL120 - Monster Bridge I

**General**

Subject code Course Number  
 CSL 120

Course Title  
 Monster Bridge I

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 1

Semester Offered  
 Fall

No Requirements

Activity  
 Yes

Description  
 Three days of sessions and activities taught by EAC faculty, staff, and returning students. When new students begin Monster Bridge I, they will be assigned to a group of Monster Mentors. Mentors are returning students that have achieved academic and social success at EAC. Mentors will accompany and assist in teaching new students about student services, academic support, campus and community navigation, EAC technology, campus safety, study skills, time and money management, social integration, job finding skills, career exploration, etc.

### DAE101 - Dental Health and Safety

**General**

Subject code Course Number  
 DAE 101

Course Title  
 Dental Health and Safety

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 3

No Requirements

Description

This course provides training to help the student understand the difference between regulations and recommendations pertaining to health and safety for employees and patients. The students will also identify professional organizations for dentists, dental assistants, and dental hygienists relative to safety training. Students will be given the opportunity to identify the government agencies and their function in relation to dentistry.

### DAE105 - Oral Health and Dental Disease Prevention

**General**

Subject code Course Number  
 DAE 105

Course Title  
 Oral Health and Dental Disease Prevention

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 3

Prerequisites  
 DAE 100 or concurrent enrollment in DAE 100

Description

The learner will classify dental caries, discuss early childhood caries, and explain the importance of saliva related to tooth decay, explain the goal of CAMBRA, describe the prevalence of periodontal disease, identify the two basic types of periodontal disease and list and describe the seven basic care types.

### DAE107 - Science in Dentistry

**General**

Subject code Course Number  
 DAE 107

Course Title  
 Science in Dentistry

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 4

Prerequisites  
 DAE 105 or concurrent enrollment in DAE 105

Description  
 This is an introductory course to bio-sciences as it relates to the oral embryology and histology, hand and neck anatomy, and tooth morphology. This course provides information on regions of the face (landmarks) and oral cavity. Upon completion, students will identify planes and associated body direction used to divide the body into sections and describe the four levels of organs of organization of the human body.

### DAE109 - Patient Information and Assessment

**General**

Subject code Course Number  
 DAE 109

Course Title  
 Patient Information and Assessment

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 3

Prerequisites  
 DAE 105 or concurrent enrollment in DAE 105

Description  
 This course focuses on the preclinical skills needed for delivered dental care including the importance of managing patient records. Students will be trained on patient vital signs assessments and the role of the dental assistant in a medical emergency. Students will be introduced to the principles of pharmacology.

### DAE112 - Radiographic Imaging in Dentistry

**General**

Subject code Course Number  
 DAE 112

Course Title  
 Radiographic Imaging in Dentistry

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 4

Prerequisites  
 DAE 107 or concurrent enrollment in DAE 107 or instructor permission

Description  
 This course provides the student uses of dental imaging, explains how x-rays are produced, and identifies types of radiation. The student will also understand the effects of radiation and how radiation is measured. Radiation safety is discussed in this course.

### DAE114 - Foundations of Clinical Dentistry

**General**

Subject code Course Number  
 DAE 114

Course Title  
 Foundations of Clinical Dentistry

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 4

Prerequisites  
 DAE 107 or concurrent enrollment in DAE 107

Description  
 This course focuses on the preclinical skills needed for delivered dental care including dental hand pieces and dental hand instruments. Topics also include moisture control, anesthesia and pain control.

### DAN103 - Beginning Ballroom Dance I

**General**

Subject code Course Number  
 DAN 103

Course Title  
 Beginning Ballroom Dance I

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 1

General Education Category  
 AAS Degrees Only

Semester Offered  
 Upon Request

No Requirements

Activity  
 Yes

Description  
 Traditional and popular ballroom dance, also social skills.

### DAN104 - Beginning Ballroom Dance II

**General**

Subject code Course Number  
 DAN 104

Course Title  
 Beginning Ballroom Dance II

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 1

General Education Category  
 AAS Degrees Only

Semester Offered  
 Upon Request

No Requirements

Activity  
 Yes

Description  
 Continuation of DAN 103.

### DAN110 - Beginning Folk Dance I

**General**

Subject code Course Number  
 DAN 110

Course Title  
 Beginning Folk Dance I

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 1

General Education Category  
 AAS Degrees Only

Semester Offered  
 Upon Request

No Requirements

Activity  
 Yes

Description  
 Fundamental dance skills in folk dance.

### DAN111 - Beginning Folk Dance II

**General**

Subject code DAN Course Number 111  
 Course Title Beginning Folk Dance II  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 General Education Category AAS Degrees Only  
 Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Continuation of DAN 110.

### DAN122 - Beginning Jazz Dance I

**General**

Subject code DAN Course Number 122  
 Course Title Beginning Jazz Dance I  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 General Education Category AAS Degrees Only  
 Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Dance skills in jazz.

### DAN120 - Beginning Modern Dance I

**General**

Subject code DAN Course Number 120  
 Course Title Beginning Modern Dance I  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 2  
 (Credit Hours) Value: 1  
 Credit Range 1 - 2  
 General Education Category AAS Degrees Only  
 Semester Offered Upon Request

No Requirements

Activity Yes  
 Description An introduction to Modern Dance as a form of dance art.

### DAN123 - Beginning Jazz Dance II

**General**

Subject code DAN Course Number 123  
 Course Title Beginning Jazz Dance II  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 General Education Category AAS Degrees Only  
 Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Continuation of DAN 122.

### DAN121 - Beginning Modern Dance II

**General**

Subject code DAN Course Number 121  
 Course Title Beginning Modern Dance II  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 General Education Category AAS Degrees Only  
 Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Continuation of DAN 120.

### DAN132 - Beginning Ballet I

**General**

Subject code DAN Course Number 132  
 Course Title Beginning Ballet I  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 General Education Category AAS Degrees Only  
 Semester Offered Upon Request

No Requirements

Activity Yes  
 Description The study of ballet technique through the traditional exercises with proper awareness of style and phrasing.

### DAN133 - Beginning Ballet II

**General**

Subject code DAN Course Number 133

Course Title Beginning Ballet II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Continuation of DAN 132.

### DAN145 - Traditional Samoan Siva Dance I

**General**

Subject code DAN Course Number 145

Course Title Traditional Samoan Siva Dance I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Students will learn various traditional Samoan dances. Students are taught the basic foot work and hand gestures of traditional Siva and may be accompanied by chanting, lpu (double gourd) or Pahu (drum). Students may be required to make accompanying implements such as hair adornments, leis, and Pa'u skirts under the direction of the instructor. Students are taught different historical aspects of Samoan mythology, genealogies, plants, and animals.

### DAN141 - Traditional Hawaiian Dance I

**General**

Subject code DAN Course Number 141

Course Title Traditional Hawaiian Dance I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Students will learn traditional hula interpretations, fundamental footwork, and hand gestures. Students will learn to apply and express gestures for songs, lyrics, and meaning. Each student learns specific hulas and performs individually and as a group by the end of the course. Students are required to create their own hair adornments and leis all under the direction of the hula instructor.

### DAN146 - Traditional Samoan Siva Dance II

**General**

Subject code DAN Course Number 146

Course Title Traditional Samoan Siva Dance II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Students will learn various traditional Samoan dances. Students are taught the basic foot work and hand gestures of traditional Siva and may be accompanied by chanting, lpu (double gourd) or Pahu (drum). Students may be required to make accompanying implements such as hair adornments, leis, and Pa'u skirts under the direction of the instructor. Students are taught different historical aspects of Samoan mythology, genealogies, plants, and animals. Continuation of DAN 145.

### DAN142 - Traditional Hawaiian Dance II

**General**

Subject code DAN Course Number 142

Course Title Traditional Hawaiian Dance II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Continuation of DAN 141. Students enhance their traditional hula interpretations, fundamental footwork, and hand gestures.

### DAN150 - Beginning Theatre Dance I

**General**

Subject code DAN Course Number 150

Course Title Beginning Theatre Dance I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Study and performance of a variety of dance styles for media dance entertainment to include modern, ballet, jazz, tap, and ballroom.

### DAN151 - Beginning Theatre Dance II

**General**

Subject code DAN Course Number 151

Course Title Beginning Theatre Dance II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

General Education Category  
 AAS Degrees Only

Semester Offered  
 Upon Request

Prerequisites  
 DAN 150 or instructor approval

Activity  
 Yes

Description  
 Continuation of DAN 150.

### DAN203 - Intermediate Ballroom Dance I

**General**

Subject code DAN Course Number 203

Course Title Intermediate Ballroom Dance I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

General Education Category  
 AAS Degrees Only

Semester Offered  
 Upon Request

No Requirements

Activity  
 Yes

Description  
 Traditional and popular ballroom dance, also social skills.

### DAN204 - Intermediate Ballroom Dance II

**General**

Subject code DAN Course Number 204

Course Title Intermediate Ballroom Dance II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

General Education Category  
 AAS Degrees Only

Semester Offered  
 Upon Request

No Requirements

Activity  
 Yes

Description  
 Continuation of DAN 203.

### DAN210 - Intermediate Folk Dance I

**General**

Subject code DAN Course Number 210

Course Title Intermediate Folk Dance I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

Semester Offered  
 Upon Request

No Requirements

Activity  
 Yes

Description  
 Fundamental dance skills in folk dance.

### DAN211 - Intermediate Folk Dance II

**General**

Subject code DAN Course Number 211

Course Title Intermediate Folk Dance II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

Semester Offered  
 Upon Request

No Requirements

Activity  
 Yes

Description  
 Continuation of DAN 210.

### DAN222 - Intermediate Jazz Dance I

**General**

Subject code DAN Course Number 222

Course Title Intermediate Jazz Dance I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

Semester Offered  
 Upon Request

No Requirements

Activity  
 Yes

Description  
 Dance skills in jazz.

### DAN223 - Intermediate Jazz Dance II

**General**

Subject code DAN Course Number 223

Course Title Intermediate Jazz Dance II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Continuation of DAN 222.

### DAN240 - Dance Repertory

**General**

Subject code DAN Course Number 240

Course Title Dance Repertory

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity Yes  
 Description The study of performance skills from pre-classic to contemporary dance forms, including folk repertory.

### DAN232 - Intermediate Ballet I

**General**

Subject code DAN Course Number 232

Course Title Intermediate Ballet I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

Semester Offered Upon Request

Prerequisites DAN 133 or instructor approval

Activity Yes  
 Description The study of ballet technique through the traditional exercises with proper awareness of style and phrasing and introduce pointe work.

### DAN250 - Intermediate Theatre Dance I

**General**

Subject code DAN Course Number 250

Course Title Intermediate Theatre Dance I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

Semester Offered Upon Request

Prerequisites DAN 151

Activity Yes  
 Description Study and performance of a variety of dance styles for media dance entertainment to include modern, ballet, jazz, tap, and ballroom.

### DAN233 - Intermediate Ballet II

**General**

Subject code DAN Course Number 233

Course Title Intermediate Ballet II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

Semester Offered Upon Request

Prerequisites DAN 232 or instructor approval

Activity Yes  
 Description Continuation of DAN 232.

### DAN251 - Intermediate Theatre Dance II

**General**

Subject code DAN Course Number 251

Course Title Intermediate Theatre Dance II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

Semester Offered Upon Request

Prerequisites DAN 250

Activity Yes  
 Description Continuation of DAN 250.

### DAN298 - Workshop

**General**

Subject code DAN Course Number 298

Course Title Workshop

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

Description  
Designed to meet a variety of needs for students in Dance.

### DAN299 - Independent Study

**General**

Subject code DAN Course Number 299

Course Title Independent Study

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

Description  
Design and execution of original projects under faculty supervision.

### DRF104 - Blueprint Reading

**General**

Subject code DRF Course Number 104

Course Title Blueprint Reading

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

No Requirements

Description  
Interpreting technical drawings and accompanying specifications. Emphasizes technical terms and symbols, industrial standards and tolerances. Reading of working drawings and sketches, basic drafting fundamentals and techniques are covered. Designated for non-drafting technicians.

### DRF150 - Dimensioning and Tolerancing

**General**

Subject code DRF Course Number 150

Course Title Dimensioning and Tolerancing

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Spring

No Requirements

Description  
An intensive course covering basic and advanced dimensioning techniques. Emphasis is placed on the ANSI Y14.5M standard for geometric dimensioning and tolerancing.

### DRF154 - Introduction to AutoCAD

**General**

Subject code DRF Course Number 154

Course Title Introduction to AutoCAD

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

No Requirements

Description  
Students will gain hands-on experience using AutoCAD computer drafting software. Emphasis is placed on the integration of 3D solid modeling and 2D drafting output. All drawings will meet the ASME Y14.5M standard.

### DRF160 - Descriptive Geometry

**General**

Subject code DRF Course Number 160

Course Title Descriptive Geometry

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

Prerequisites  
DRF 154 or concurrent enrollment in DRF 154

Description  
The study of lines, planes, successive auxiliary views, intersection of planes, angles between planes, developments, parallelism, perpendicularity, and the relationships between various geometric elements. All drawings will meet the ASME Y14.5M standard.

## DRF170 - Residential Architecture

### General

Subject code DRF Course Number 170

Course Title Residential Architecture

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites DRF 154 or concurrent enrollment in DRF 154

Description Students will be instructed in residential architecture drafting techniques required to design and draft floor plans, exterior and interior details, and structural representations. The course will use architectural CAD software to develop a full set of residential house plans. All drawings will meet the American Architectural Graphic Standards, the International Building Code, the International Residence Code, ADA, and any additional local building and zoning requirements.

## DRF230 - Civil Drafting

### General

Subject code DRF Course Number 230

Course Title Civil Drafting

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

Prerequisites DRF 154

Description Studies basic elements of map drafting including symbols, plotting contour lines, grid maps, elevation and profiles, closed and open traverse, legal descriptions, grading, volumes, street construction, and basic use of GPS systems. All drawings will meet the AASHTO Green Book, American Architectural Graphic Standards, the International Building Code, the International Residential Code, ADA, and any additional local building and zoning requirements.

## DRF210 - Additive Manufacturing

### General

Subject code DRF Course Number 210

Course Title Additive Manufacturing

### Credit Hours

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites DRF 154 or DRF 220

Description This covers the history and evolution of additive manufacturing, highlighting its impact across various industries. Students will explore a range of applications, from prototyping to end-use production and receive hands-on experience in operating 3D printers.

## DRF232 - Structural Drafting

### General

Subject code DRF Course Number 232

Course Title Structural Drafting

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites DRF 154

Description A study of the basic elements of structural drafting including symbols, dimensioning, design, and detail drawing of steel and concrete structures. All drawings will meet the American Architectural Graphic Standards, the International Building Code, the International Residence Code, ADA, and any additional local building and zoning requirements.

## DRF220 - Parametric Solid Modeling

### General

Subject code DRF Course Number 220

Course Title Parametric Solid Modeling

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

Description This course uses the latest in parametric modeling technology (SolidWorks & Autodesk Inventor) in the study of mechanical drafting, threads and fasteners, detail and assembly drawings, section views, and basic dimensioning and tolerancing techniques. Parametric modeling simulates manufacturing processes, and completed solid models can be easily transferred to production tools such as 3D printers or CNC machines. All drawings will meet the ASME Y14.5M standard.

## DRF235 - Geographic Information Systems I

### General

Subject code DRF Course Number 235

Course Title Geographic Information Systems I

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Fall

No Requirements

Description This course provides an introduction to Geographic Information Systems (GIS) concepts and GIS software. Students will learn processes related to manipulating spatial and tabular data, querying a database, presenting data clearly, and effectively using maps, reports, and charts. Problem-solving and spatial modeling tools will be introduced.

## DRF236 - Geographic Information Systems II

### General

Subject code DRF Course Number 236

Course Title  
Geographic Information Systems II

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
DRF 235 or BIO 235 with a grade of "C" or higher

Description  
This course utilizes advanced Arc Geographic Information Systems (GIS) concepts and GIS databases. Students will design and create a GIS project using geodatabase and validation rules while learning to edit topology and perform spatial analysis.

## DRF282 - Advanced Architecture

### General

Subject code DRF Course Number 282

Course Title  
Advanced Architecture

### Credit Hours

(Credit Hours) Value:  
3

Semester Offered  
Fall

Prerequisites  
DRF 170 and DRF 232

Description  
This course is designed to provide students with an in-depth understanding of advanced architectural concepts and techniques. Students will learn about the latest trends and innovations in the field of architecture, including sustainable design, building information modeling (BIM), and parametric design. The course will also cover advanced topics such as structural analysis, building systems integration, and construction management. Students will be required to complete a series of projects that demonstrate their mastery of the course material.

## DRF262 - Commercial Architecture

### General

Subject code DRF Course Number 262

Course Title  
Commercial Architecture

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Upon Request

Prerequisites  
DRF 154

Description  
Course will focus on the use of CAD in the area of commercial architectural facilities layout and design. Projects involve the creation of commercial floor plans, external elevations, and site plans. Emphasis is placed upon meeting the customer needs, local building codes, and industry standards. All drawings will meet the American Architectural Graphic Standards, the International Building Code, the International Residence Code, ADA, and any additional local building and zoning requirements.

## DRF290 - Drafting Capstone Project

### General

Subject code DRF Course Number 290

Course Title  
Drafting Capstone Project

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
DRF 170 and DRF 230 with a grade of "C" or higher and prior or concurrent enrollment in DRF 220, or instructor approval

Description  
This is an end-of-program capstone project course to allow students the opportunity to create a complete drafting and design project from start to finish in one of the principal drafting related areas emphasized throughout the degree program: architectural, civil, or mechanical. Successful completion of this course will validate competencies from previous coursework. All architectural and civil drawings will meet the American Architectural Graphic Standards, the International Building Code, the International Residence Code, ADA, and any additional local building and zoning requirements. All mechanical drawings will meet the ASME Y14.5M standard.

## DRF271 - Advanced AutoCAD

### General

Subject code DRF Course Number 271

Course Title  
Advanced AutoCAD

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
DRF 154

Description  
Course examines how to use advanced AutoCAD software capabilities. Students will focus on system customization including menu development. Advanced drawing techniques, assembly part modeling, and drafting applications will also be included.

## DRF297 - Workshop

### General

Subject code DRF Course Number 297

Course Title  
Workshop

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 6

(Credit Hours) Value:  
1

Credit Range  
1 - 6

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Designed to meet a variety of needs for students in Drafting Technology.

### DRF298 - Workshop

**General**

Subject code DRF Course Number 298  
 Course Title Workshop  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range 1 - 3  
 Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Designed to meet a variety of needs for students in Drafting Technology.

### DRF299 - Independent Study

**General**

Subject code DRF Course Number 299  
 Course Title Independent Study  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range 1 - 3  
 Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Design and execution of original projects under faculty supervision.

### DSL110 - Diesel Service Techniques

**General**

Subject code DSL Course Number 110  
 Course Title Diesel Service Techniques  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 2  
 Semester Offered Fall

No Requirements

Description Course provides an overview of basic diesel equipment systems. This course provides safety and basic operational knowledge of diesel equipment systems. Course introduces students to service and maintenance inspection of engine, fuel, suspension, brakes, electrical, and drive train systems. Course includes information related to a diesel shop organization structure, product line information, and use of Caterpillar's service and repair information system.

### DSL120 - Diesel Engines

**General**

Subject code DSL Course Number 120  
 Course Title Diesel Engines  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 4  
 Semester Offered Fall

No Requirements

Description Course provides theory, diagnosis, and service common to all diesel engines. Course includes engine rebuilding and performance testing. This course prepares students for the ASE Certification test on medium/heavy truck diesel engines.

### DSL130 - Diesel Electrical Systems Design and Diagnosis

**General**

Subject code DSL Course Number 130  
 Course Title Diesel Electrical Systems Design and Diagnosis  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered Fall

No Requirements

Description Course provides a study of diesel starting, charging, and accessory electrical systems and components. Course places emphasis on electrical system diagnosis and electrical repair. Course allows students to use various industry standard diagnostic electrical equipment and testing techniques. Prepares the student to take the ASE certification test on electrical/electronic systems.

### DSL140 - Diesel Fuel Systems

**General**

Subject code DSL Course Number 140  
 Course Title Diesel Fuel Systems  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered Fall

No Requirements

Description Course provides theory, diagnosis and service of hydro-mechanical and electronic diesel fuel systems. Course includes an opportunity to analyze fuel system components, and system operational characteristics. This course shall place emphasis on testing and service procedures of Caterpillar's mechanical and computer controlled fuel systems. This class prepares students for the ASE Certification test related to heavy duty diesel fuel systems.

### DSL150 - Machine Hydraulics

**General**

Subject code DSL Course Number 150

Course Title Machine Hydraulics

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Spring

No Requirements

**Description**  
 Course provides instruction in operational theory and testing techniques related to hydraulic components and circuits on mobile diesel equipment. Course provides students an opportunity to apply fluid power principles and investigate functional characteristic of hydraulic pumps, flow valves, pressure valves, directional valves, motors, cylinders, and accumulators. In this course, emphasis is placed on the student's ability to test, service, and repair diesel equipment hydraulic systems and system components.

### DSL220 - Advanced Diesel Engines

**General**

Subject code DSL Course Number 220

Course Title Advanced Diesel Engines

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

Semester Offered Spring

Prerequisites DSL 120

**Description**  
 This course provides in-depth operational information related to heavy duty diesel engine fuel, compression, air induction, and exhaust systems. It is the intent of this course to teach diagnosis and repair of mechanical engine concerns. Course requires students to isolate and repair mechanical engine, fuel, and air induction system concerns by requiring students to follow a strategic process. Students in this course will have an opportunity to use industry standard tooling, repair information systems, and engine repair processes. This course helps prepare students for ASE certification tests on heavy truck diesel engines.

### DSL160 - Heavy Equipment Drive Train

**General**

Subject code DSL Course Number 160

Course Title Heavy Equipment Drive Train

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
 Course provides theory, diagnosis, and service of clutches, driveline, synchro transmissions and final drives, torque converters, and automatic (Powershift) transmission. Course includes proper repair and service of assemblies for standard and automatic (Powershift) transmissions.

### ECE100 - Foundations of Early Childhood Education

**General**

Subject code ECE Course Number 100

Course Title Foundations of Early Childhood Education

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
 Introduction to the field of Early Childhood Education including history, philosophy, and the application of child development techniques. Includes assessment techniques for observing and recording behaviors, communication skills, guidance techniques, developmentally appropriate practices and the role of the teacher in early childhood settings. Off campus observation and participation hours in a licensed childcare, or public school birth through age eight.

### DSL170 - Heavy Equipment Suspension, Steering and Brake Systems

**General**

Subject code DSL Course Number 170

Course Title Heavy Equipment Suspension, Steering and Brake Systems

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
 This course provides the theory, diagnosis and the repair of heavy equipment suspension, steering, and brake systems. This in-depth study includes tires and wheels, steering components, suspension types, and hydraulic and air brake systems. Course covers diagnostic and service techniques of suspension, steering and braking systems.

### ECE102 - Early Childhood Curriculum

**General**

Subject code ECE Course Number 102

Course Title Early Childhood Curriculum

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
 This course provides the student with an introduction to methods and materials to assist young children three to five years of age in the learning process. Emphasis will be placed on assessment of children's learning, arrangement of indoor/outdoor space, music and movement, dramatic play and creative media. Students will locate, plan, implement, and evaluate creative learning activities using a variety of methods and materials.

### ECE105 - Health, Safety, and Nutrition

**General**

Subject code ECE Course Number 105

Course Title Health, Safety, and Nutrition

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
 Nutrition education, menu planning, childhood diseases and illness, and sanitation and safety in group settings will be introduced. Protecting the health and safety of young children and promoting the development of lifelong health habits. Communication with health professionals and parents on health, safety, and nutrition issues will be included for children birth through age eight.

### ECE150 - Practicum: Direct Field Experience Birth to Preschool

**General**

Subject code ECE Course Number 150

Course Title Practicum: Direct Field Experience Birth to Preschool

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Fall and Spring

**Prerequisites**  
 ECE 100, ECE 102, ECE 105, ECE 110, ECE 120, or instructor approval

**Description**  
 Supervised experience in the education, guidance and care of young children birth through age eight. Course begins with four weeks of classroom instruction on developmentally appropriate curriculum, guidance techniques, and age appropriate activities. Students will complete first aid certification, and must show proof of fingerprint clearance before student is placed at a center for lab.

### ECE110 - Infants and Toddlers Development

**General**

Subject code ECE Course Number 110

Course Title Infants and Toddlers Development

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
 This course will provide the students with an introduction to the principles of development in children from birth through 36 months. Emphasis will be placed on individuality of child and the adult role in providing a safe, stimulating environment for the development of the very young child.

### ECE171 - Child Growth and Development

**General**

Subject code ECE Course Number 171

Course Title Child Growth and Development

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Social and Behavioral Sciences

Semester Offered Fall and Spring

**Prerequisites**  
 ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

**Description**  
 This course gives students a broad, comprehensive view of the science of human development at each stage of development from conception through adolescence. Considers the biological, cognitive, physical, and social aspects of development from a knowledge base of theory, research, and current issues. Students will apply learning to developmentally appropriate principles and practices that guide relationships and learning experiences for children through adolescence. Substantial discussion will include family, culture, ethnicity, and gender. This course is identical to PSY 171.

### ECE120 - Guiding Childrens Social Development

**General**

Subject code ECE Course Number 120

Course Title Guiding Childrens Social Development

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
 Students will gain knowledge in a study of positive guidance and discipline techniques that can be used to encourage children to develop self-discipline and responsibility for their own actions. Students will also learn the importance of assessing, understanding, and enhancing the development of communication skills of young children to help guide and develop a child's self-image. Students will learn how to translate information presented into related skills and procedures that support children's social development.

### ECE210 - Home, School, and Community Relations

**General**

Subject code ECE Course Number 210

Course Title Home, School, and Community Relations

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
 This course will stress the importance of family. The course objectives will include the specific attitudes, philosophies, and practical techniques that teachers in any setting can find useful in building relationships with families.

### ECE220 - Introduction to Early Childhood Special Education

**General**

Subject code ECE Course Number 220

Course Title Introduction to Early Childhood Special Education

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
 An introductory level course with an emphasis on current educational practices and related educational theories including identification, causes, and characteristics of exceptional learners birth through age eight. An overview of the history of special education, assessment, intervention and curriculum will be introduced. Observation and participation hours in a special education setting required.

### ECE299 - Independent Study

**General**

Subject code ECE Course Number 299

Course Title Independent Study

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 4

(Credit Hours) Value: 1

Credit Range 1 - 4

Semester Offered Upon Request

No Requirements

Activity Yes

**Description**  
 Designed to meet a variety of needs for students in the Early Childhood Education program.

### ECE240 - Child Development Portfolio and Assessment Preparation

**General**

Subject code ECE Course Number 240

Course Title Child Development Portfolio and Assessment Preparation

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

Prerequisites Instructor approval

**Description**  
 Includes an in-depth review of the functional areas providing the basis for the Child Development Associate competency and gives step-by-step approach of activities necessary to complete the CDA Assessment process. ECE 100, ECE 102, ECE 105, ECE 110, ECE 120 or equivalent modules within the past five years and be first-aid certified. Students seeking national CDA certification should consult with the Coordinator of the ECE program before enrolling in ECE 240 for complete details.

### EDU200 - Introduction to Education

**General**

Subject code EDU Course Number 200

Course Title Introduction to Education

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Social and Behavioral Sciences

Semester Offered Fall and Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

**Description**  
 Overview of the historical, political, economic, social, and philosophical factors that influence education and make it so complex. Opportunity for students to assess their interest and suitability for teaching.

### ECE281 - Childrens Literature

**General**

Subject code ECE Course Number 281

Course Title Childrens Literature

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Arts and Humanities

Semester Offered Fall and Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

**Description**  
 Introduction to children's literature with a focus on how to effectively choose and use children's literature in educational and other contexts. Considers selection guidelines, storytelling, interpretation, and evaluation of children's books. Students will discuss developmentally appropriate practice in the selection of books and stories for children. Identical to EDU 281 and ENG 281.

### EDU222 - Introduction to Special Education

**General**

Subject code EDU Course Number 222

Course Title Introduction to Special Education

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
 An introductory level course with an emphasis on the history of special education in society and the United States, legal influences on the provision of special education services to disabled students, and characteristics and instructional approaches to educating disabled children.

### EDU230 - Cultural Diversity in Education

**General**

Subject code: EDU Course Number: 230

Course Title: Cultural Diversity in Education

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered: Fall

No Requirements

**Description**  
 Examination of the relationship of cultural values to the formation of the child's self-concept and learning styles. Examination of the role of prejudice, stereotyping and cultural incompatibilities in education. Emphasis on preparing future teachers to offer an equal educational opportunity to children of all cultural groups.

### EDU234 - Elementary ESL/SEI Methods

**General**

Subject code: EDU Course Number: 234

Course Title: Elementary ESL/SEI Methods

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered: Fall and Spring

No Requirements

**Description**  
 It provides the student with legal, historical, demographic, societal, educational, and psychological foundations that impact ELL language instruction. It meets the ADE SEI Elementary Education Endorsement requirement.

### EDU236 - Secondary ESL/SEI Methods

**General**

Subject code: EDU Course Number: 236

Course Title: Secondary ESL/SEI Methods

**Credit Hours**

(Credit Hours) Value: 3

Semester Offered: Fall and Spring

No Requirements

**Description**  
 It provides the student with legal, historical, demographic, societal, educational, and psychological foundations that impact ELL language instruction. It meets the ADE SEI Secondary Education Endorsement requirement.

### EDU252 - Teaching in the Community College

**General**

Subject code: EDU Course Number: 252

Course Title: Teaching in the Community College

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

No Requirements

**Description**  
 An introduction to teaching in the community college including administrative responsibilities and effective teaching methods.

### EDU253 - Joy and Success in Teaching in the Community College

**General**

Subject code: EDU Course Number: 253

Course Title: Joy and Success in Teaching in the Community College

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

No Requirements

**Description**  
 An enhancement of teaching, assessment, and service responsibilities of master teachers in the community college.

### EDU297 - Workshop

**General**

Subject code: EDU Course Number: 297

Course Title: Workshop

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 6

(Credit Hours) Value: 1

Credit Range: 1 - 6

No Requirements

**Description**  
 A course designed to meet a variety of needs for students in Education.

### EDU298 - Workshop

**General**

Subject code: EDU Course Number: 298

Course Title: Workshop

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range: 1 - 3

No Requirements

**Description**  
 A course intended to meet a variety of needs for Education students.

### EDU298A - WKSP CURRICLM DESIGN

**General**

Subject code: EDU Course Number: 298A

Course Title: WKSP CURRICLM DESIGN

**Credit Hours**  
 (Credit Hours) Min: 0.5 (Credit Hours) Max: 2

(Credit Hours) Value: 0.5

Credit Range: 0.5 - 2

No Requirements

### EDU298AA - Workshop Test Design

**General**

Subject code: EDU Course Number: 298AA

Course Title: Workshop Test Design

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 0.5

No Requirements

**Description**  
 Provides instruction in the best practices in test design in a workshop format. Considers issues of reliability and validity; appropriate uses of multiple choice, true-false, matching, open-ended, and other question types; phrasing of directions and questions; testing environment and security; efficient scoring; and item analysis.

### EDU298B - WKSP DEV BEG CMP SKL

**General**

Subject code: EDU Course Number: 298B

Course Title: WKSP DEV BEG CMP SKL

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 0.5

No Requirements

### EDU298C - WKSP MS WORD TCH LRN

**General**

Subject code: EDU Course Number: 298C

Course Title: WKSP MS WORD TCH LRN

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 0.5

No Requirements

### EDU298CC - WKSP USNG MS WRD PRJ

**General**

Subject code: EDU Course Number: 298CC

Course Title: WKSP USNG MS WRD PRJ

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 0.5

No Requirements

### EDU298D - WKSP PWRPT TCH LEARN

**General**

Subject code: EDU Course Number: 298D

Course Title: WKSP PWRPT TCH LEARN

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 0.5

No Requirements

### EDU298DD - Workshop Using Advanced PowerPoint to Enhance to Teaching and Learning

**General**

Subject code: EDU Course Number: 298DD

Course Title: Workshop Using Advanced PowerPoint to Enhance to Teaching and Learning

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 0.5

No Requirements

**Description**  
 Students will learn to use advanced Microsoft PowerPoint features to assist with classroom instruction and learning.

### EDU298E - Intermediate WKSP FND/ORG RES

**General**

Subject code: EDU Course Number: 298E

Course Title: Intermediate WKSP FND/ORG RES

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 0.5

No Requirements

## EDU299 - Independent Study

### General

Subject code EDU Course Number 299

Course Title Independent Study

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

### Description

Design and execution of original projects under faculty supervision.

## EGR102 - Introduction to Engineering

### General

Subject code EGR Course Number 102 SUN Number EGR 1102

Course Title Introduction to Engineering

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

Semester Offered Fall and Spring

### Prerequisites

MAT 121 or higher with a grade of "C" or higher or placement test score as established by District policy

### Description

Engineering design, effective team participation and career preparation. Students are expected to participate in hands-on design projects, develop education/career plans and initiate development of the personal and management skills necessary for lifelong learning.

## EGR150 - Digital Design Fundamentals

### General

Subject code EGR Course Number 150

Course Title Digital Design Fundamentals

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

Semester Offered Fall

### Prerequisites

MAT 151 with a grade of "C" or higher

### Description

The theory and application of digital systems and binary numbers, binary and compliment arithmetic, and Boolean algebra; logic gates, combinational logic, circuit minimization; flip-flops and synchronous sequential logic, registers and counters; memory and programmable logic. Analysis and design of combinational and synchronous sequential circuits, simulation, and building and testing of circuits.

## EGR200 - Introduction to Mining Engineering

### General

Subject code EGR Course Number 200

Course Title Introduction to Mining Engineering

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

### Description

This course provides an overview of the skills, applications, and careers in mining and geological engineering. Skills introduced include mapping, air photo interpretation, geophysics, rock mechanics testing, scan line surveying, spreadsheet calculations, and mine planning. Applications introduced include mineral, energy, and water resource exploration and development, underground and surface construction, underground and surface mine development, operations, and environmental management. Course emphasizes development of teamwork, communication, and creative problem solving skills.

## EGR214 - Engineering Mechanics I Statics

### General

Subject code EGR Course Number 214

Course Title Engineering Mechanics I Statics

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

### Prerequisites

PHY 211 and MAT 221 with a grade of "C" or higher. Students are strongly recommended to take MAT 225 concurrently with this course.

### Description

First semester course on engineering mechanics which includes topics such as problem formulation and solution methods; two- and three-dimensional vector representation of forces, moments and couples; static equilibrium of particles, rigid bodies and engineering structures; analysis of external and internal forces in structures utilizing free-body diagrams; principles of friction; and properties of cross-sectional areas and volumes.

## EGR215 - Engineering Mechanics II Dynamics

### General

Subject code EGR Course Number 215

Course Title Engineering Mechanics II Dynamics

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

### Prerequisites

EGR 214 with a grade of "C" or higher

### Description

Dynamics is the second of two sophomore level courses dealing with engineering mechanics. This class builds on the concepts learned in the first course (Statics) and looks at bodies which are not in equilibrium. A study of the kinematics and kinetics of particle and rigid body motion. Concepts covered include: force and acceleration, work and energy, and impulse and momentum.

## EGR220 - Circuits I

### General

Subject code EGR Course Number 220

Course Title Circuits I

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 5

Semester Offered Spring

Prerequisites MAT 261 with a grade of "C" or higher, or concurrent enrollment in MAT 261, and PHY 212 with a grade of "C" or higher.

Description This course covers the principles for analyzing linear and non-linear circuits; using SPICE simulation; design and measurement of linear analog electrical systems.

## EGR233 - Mechanics of Materials

### General

Subject code EGR Course Number 233

Course Title Mechanics of Materials

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites EGR 214 or higher with a grade of "C" or higher

Description The continuation of engineering mechanics from Statics, this course examines deformable solids, which includes fundamental concepts of stress, strain, elasticity and inelasticity, mechanical properties of materials, material deformations and stresses under axial, bending, torsional, and pressurized loading, deflections and stresses due to mechanical loads and temperature change, composite beam behavior, and methods for finding maximum stresses in combined loading situations.

## EGR250 - Plane Surveying

### General

Subject code EGR Course Number 250

Course Title Plane Surveying

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites MAT 181 with a grade of "C" or higher or instructor approval

Description This course provides an introduction to plane surveying. Students learn principles and practices of general surveying, chaining, leveling, stadia, and extensive field work using a variety of industry-standard instruments and techniques.

## EGR255 - Thermodynamics

### General

Subject code EGR Course Number 255

Course Title Thermodynamics

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

Prerequisites CHM 151 and PHY 211 with a grade of "C" or higher, and MAT 240 OR MAT 261 with a grade of "C" or higher or concurrent enrollment in MAT 240 or MAT 261

Description Thermodynamics is a basic science that deals with energy and energy changes. This course covers the basic principles of Thermodynamics and presents real-world applications and problems so that students can gain an understanding of physical and chemical changes that are influenced by the energy of systems.

## EGR296A - Mineral Resource Engineering Seminar

### General

Subject code EGR Course Number 296A

Course Title Mineral Resource Engineering Seminar

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Description This professional seminar provides a first opportunity for undergraduate students to examine and discuss topics in mineral resource engineering. The course features industry speakers describing current challenges and technology innovations in the broad area of mineral resources. Students develop skills in information retrieval, technical writing, and verbal presentation. Appreciation of sustainable development and the technical needs of the Mine of the Future are developed.

## EGR298 - Workshop

### General

Subject code EGR Course Number 298

Course Title Workshop

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

Description A course designed to meet a variety of needs for students in Engineering.

### EGR299 - Independent Study

**General**

Subject code EGR Course Number 299  
 Course Title Independent Study  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range 1 - 3

No Requirements

**Description**  
 Design and execution of original projects under faculty supervision.

### ELT111 - DC Electrical Systems

**General**

Subject code ELT Course Number 111  
 Course Title DC Electrical Systems  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered Fall

No Requirements

**Description**  
 This course is an introductory course of direct current theory and systems with a heavy emphasis on industrial applications and setting. Students will be introduced to batteries, DC circuits, electrical test and measuring equipment, various conductors, semiconductors, insulators, as well as developing troubleshooting skills.

### ELT101 - Fundamentals of Electricity and Electronics

**General**

Subject code ELT Course Number 101  
 Course Title Fundamentals of Electricity and Electronics  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered Upon Request

No Requirements

**Description**  
 This course is an introductory course into the basic principles of electricity and electronics theory with emphasis of electrical applications. The course will also introduce the student to the study of various blueprints, schematics, wiring diagrams and symbols as they are used in practical industrial applications.

### ELT112 - AC Electrical Systems

**General**

Subject code ELT Course Number 112  
 Course Title AC Electrical Systems  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered Fall

No Requirements

**Description**  
 This course is an introductory course of Alternating Current (AC) theory and systems with a heavy emphasis on industrial application and settings. The course will introduce the student to transformers, electrical measuring test equipment, single and polyphase motors, motor controls, AC generation, and an introduction to troubleshooting skills.

### ELT110 - Electricity and Electronics

**General**

Subject code ELT Course Number 110  
 Course Title Electricity and Electronics  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered Fall

No Requirements

**Description**  
 Basic principles of electricity and electronics theory with an emphasis on commercial and industrial applications. Students will be introduced to the study of various drawings, schematics, wiring diagrams, and symbols as they are used in practical applications. The student will learn the electrical concepts and terminology of voltage, amperage, resistance, and power. The student will learn to solve electrical problems by use of Ohm's Law formulas.

### ELT115 - Conduits and Raceways

**General**

Subject code ELT Course Number 115  
 Course Title Conduits and Raceways  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered Spring

No Requirements

**Description**  
 An introductory course of conduit bending and installation as well as conduit supports and adherence to the National Electrical Code, with a heavy emphasis on commercial applications and settings. Students are introduced to various conduit types and sizes as well as the tools and equipment used to cut, bend, thread, and install electrical conduit. Students will use universal methods and techniques that can be implemented with any size and type of conduit.

### ELT161 - Process Measurement Instrumentation I

#### General

Subject code ELT Course Number 161

Course Title Process Measurement Instrumentation I

#### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
This course is an introductory course in industrial process measurement and instrumentation. This course will introduce the student to the various industrial processes of pressure, temperature, level, flow, weight, force, position, and analytical measurement. The course also discusses the various instruments used in process measurements.

### ELT162 - Process Measurement Instrumentation II

#### General

Subject code ELT Course Number 162

Course Title Process Measurement Instrumentation II

#### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites ELT 161 or Instructor Approval

**Description**  
This course supplements concepts studied in ELT 161 and continues to analyze industrial process measurement and instrumentation. The course will allow the student to continue a study of the various industrial processes of pressure, temperature, level, flow, weight, force, position, and analytical measurement.

### ELT171 - Process Control Instrumentation

#### General

Subject code ELT Course Number 171

Course Title Process Control Instrumentation

#### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites ELT 161 or concurrent enrollment in ELT 161 or Instructor Approval

**Description**  
This course is an introductory course into the basic principles of Process Control Instrumentation. This course examines the various industrial processes and how to control them through the use of electrical, electronic, and pneumatic automatic controllers. Course involves each student in different modes of process controls such as on/off and proportional and integral and derivative modes. It also deals with interfacing process measurement signals to controller inputs and connecting controller outputs to a final control element.

### ELT181 - Electronic Components

#### General

Subject code ELT Course Number 181

Course Title Electronic Components

#### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites ELT 112 with a grade of "C" or higher or instructor approval

**Description**  
This course is an introductory course into electronic components that are used in present day electronic devices. This course will delve into semiconductor theory and the manufacture and design of semiconductor components. It will also cover analog as well as digital components not to be limited to the following semiconductor devices: diodes, silicon controlled rectifiers (SCR's), bipolar junction transistors, field effect transistors (FET's), operational amplifiers (OP AMP's), digital logic gates, microprocessors, random access memory (RAM), and read only memory (ROM). The student will also be introduced to common circuits that employ these devices such as oscillators, amplifiers, flip-flops, multivibrators (timing circuits), shift registers, counters, frequency dividers, and microprocessor circuits.

### ELT251 - National Electric Code

#### General

Subject code ELT Course Number 251

Course Title National Electric Code

#### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
This course will introduce the student to the current National Electric Code (NEC) regulations and standards. The NEC provides regulations and standards pertaining to electrical components and systems including wiring methods, materials, conductors, overcurrent protective devices, branch circuits and feeders, grounding, transformers, services, special locations, and calculations. The purpose of the NEC is the practical safeguarding of persons and property from hazards arising from the use of electricity.

### ELT258 - Electrical Troubleshooting

#### General

Subject code ELT Course Number 258

Course Title Electrical Troubleshooting

#### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

Prerequisites ELT 112 or instructor approval

**Description**  
This course will require the student to apply theories, concepts, and practical applications to logically solve and repair electrical circuit problems. This will include the use of various test equipment, electrical diagrams, and other resources to analyze and correct electrical problems. The student will be required to implement and demonstrate safe electrical practices while troubleshooting electrical problems.

## ELT272 - Motors and Motor Controls

### General

Subject code ELT Course Number 272

Course Title  
Motors and Motor Controls

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
ELT 112 or instructor approval

Description  
This course introduces the student to the various types of direct current and alternating current motors as well as single and polyphase motors. The course will also demonstrate various types of motor controls such as relay logic, use of sensors and variable speed control schemes. The student will learn to take voltage, current and resistance measurements to troubleshoot motors and control circuits. Students will learn to use and interpret schematics, drawings, and diagrams to troubleshoot circuits and or design and construct motor control circuits.

## ELT273 - Process Control and Programmable Logic Controllers

### General

Subject code ELT Course Number 273

Course Title  
Process Control and Programmable Logic Controllers

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Fall

Prerequisites  
ELT 112 or Instructor Approval

Description  
This course introduces the student to the principles of Programmable Logic Controllers (PLCs). This course emphasizes the applications and implementation of PLCs as used in industrial control settings. It analyzes the interfacing of inputs, outputs, and development of ladder logic control programming. The course will subject the student to elementary, intermediate, and advanced programming functions as commonly used in PLCs. Several scenarios will be offered for the learner to create a program using ladder logic to solve control problems in simple to intermediate real world problems. This hands-on training will showcase ABB controllers which are frequently used in industry. The knowledge gained from using these controllers can be taken straight out into the field so that the learner will have a jump on the equipment that they may be using when they use these skills in the real world.

## ELT297 - Workshop

### General

Subject code ELT Course Number 297

Course Title  
Workshop

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 6

(Credit Hours) Value:  
1

Credit Range  
1 - 6

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
A course designed to meet a variety of needs for students in Electronics.

## ELT298 - Workshop

### General

Subject code ELT Course Number 298

Course Title  
Workshop

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
A course designed to meet a variety of needs for students in electronics.

## ELT299 - Independent Study

### General

Subject code ELT Course Number 299

Course Title  
Independent Study

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Design and execution of original projects under faculty supervision.

## EMT103 - Emergency Medical Technician

### General

Subject code EMT Course Number 103

Course Title  
Emergency Medical Technician

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
9

Semester Offered  
Fall and Spring

Prerequisites  
Admission to Eastern Arizona College's EMT Program

Course Fee(s) Yes Fee Amount 250.00

Description  
Introductory course for students to learn skills to recognize and properly treat illness and injury in the pre-hospital setting. Successful completion of the course leads to the opportunity to test for certification by the National Registry of EMT's and the Arizona Department of Health Services. A total of 12 hours of clinical experience and 12 hours of vehicular experience will be scheduled in the Emergency Department and on the ambulance to provide direct, hands-on experience with a variety of patients.

### EMT107 - EMT Practicum

**General**

Subject code EMT Course Number 107

Course Title EMT Practicum

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

**Prerequisites**

Current Arizona EMT certification, passing both the written and oral entrance exams and a current BLS/CPR healthcare provider card or program accepted alternative is required. The prospective student will submit documentation of the prerequisites with the completed Proof of Prerequisites Form to the Records and Registration Office prior to registration.

**Description**

Eastern Arizona College offers cooperative education experience for students who have selected a career objective in EMS. Designed to give students the opportunity to learn through supervised work experiences as an EMT to gain practical work experience. The course integrates students' educational activities with on-the-job learning opportunities. Meetings with the coordinator are designed to assist students in identifying activities and competencies they will complete on the job. This can include learning job survival skills, improving technical skills, and developing effective human relations and communications skills. This course is designed to serve students who have certified as an EMT who wish to experience supervised on-the-job training as part of their skills, reinforce skills and knowledge learned in previous courses, or move to new career areas through job-related experiences and goals described in a written training plan.

### EMT107PR - EMT 107 Prerequisite Form on File

**General**

Subject code EMT Course Number 107PR

Course Title EMT 107 Prerequisite Form on File

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 22

(Credit Hours) Value: 0

No Requirements

### EMT110 - Emergency Medical Responder

**General**

Subject code EMT Course Number 110

Course Title Emergency Medical Responder

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

No Requirements

Course Fee(s) Yes Fee Amount 80.00

**Description**

This course is focused on basic life support as performed by a health care provider. The content includes patient assessment, airway management, cardiopulmonary resuscitation, shock, bleeding and wounds, body area injuries, poisoning, burns, cold and heat-related emergencies, bone injuries, medical emergencies, emergency childbirth, and first aid skills.

### EMT121 - Cardiopulmonary Resuscitation

**General**

Subject code EMT Course Number 121

Course Title Cardiopulmonary Resuscitation

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 0.5

Semester Offered Fall and Spring

No Requirements

**Description**

This course follows the American Heart Association guidelines for knowledge and skill in cardiopulmonary resuscitation and AED at the healthcare provider level. Learning focuses on the skills involved in helping an individual with airway obstruction, respiratory arrest, and/or cardiac arrest.

### EMT122 - First Aid and CPR

**General**

Subject code EMT Course Number 122

Course Title First Aid and CPR

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Fall and Spring

No Requirements

**Description**

This course is focused on basic life support as performed by a health care provider. The content includes patient assessment, airway management, cardiopulmonary resuscitation, shock, bleeding and wounds, body area injuries, poisoning, burns, cold and heat-related emergencies, bone injuries, medical emergencies, emergency childbirth, and first aid skills. Identical to HCE 101 and HPE 190.

### EMT161 - Emergency Medical Technician Refresher

**General**

Subject code EMT Course Number 161

Course Title Emergency Medical Technician Refresher

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Spring

**Prerequisites**

Student must present the following to the course instructor on the first day of class to remain in the course: Proof of current or expired American Heart Association BLS Healthcare Provider CPR card AND proof of current or expired EMT Certification from the State of Arizona, other state or territory, or from the National Registry of EMT's. If initial certification has not yet been obtained, documentation of completion of prior training in an EMT 103 course or equivalent is required.

Course Fee(s) Yes Fee Amount 80.00

**Description**

This course is designed to enable students trained at the Emergency Medical Technician level to maintain proficiency and receive the most up-to-date cognitive, psychomotor, and affective information for treating and transporting the sick and injured. This course may be repeated as many times as necessary to maintain provider certification.

### EMT170 - Vehicular Extrication and Trauma Care

**General**

Subject code EMT Course Number 170

Course Title Vehicular Extrication and Trauma Care

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 0.5

Semester Offered Fall and Spring

No Requirements

**Description**  
 This course provides a review, as well as some new insights into vehicular extrication and providing patient care to the trauma patient. This course is interactive and designed to challenge the participant in the areas of knowledge base, decision-making, and application of skills.

### EMT180 - EMS Instructional Strategies

**General**

Subject code EMT Course Number 180

Course Title EMS Instructional Strategies

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

Prerequisites Instructor approval

**Description**  
 This course is conducted in cooperation with the Arizona Department of Health Services, Bureau of Emergency Medical Services (EMS). It follows National Emergency Medical Services Education Standards (NEMSES) set forth by the National Highway and Traffic Safety Administration (NHTSA). It is designed to prepare and make eligible the participant for approval as an EMT instructor in the State of Arizona.

### EMT200 - Paramedic Prep Course

**General**

Subject code EMT Course Number 200

Course Title Paramedic Prep Course

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

Prerequisites Current American Heart Association BLS CPR Healthcare Provider Certification AND one of the following: Proof of current NREMT certification OR proof of current Arizona EMCT certification OR proof that the student has completed an EMT 103 Course or equivalent and is actively pursuing NREMT certification.

**Description**  
 Prepares the EMT to begin paramedic training. Covers review of EMT knowledge, human anatomy and physiology, math calculation and EKG interpretation. Designed to prepare students to pass paramedic entrance exams and to improve their success in paramedic school.

### EMT201 - Advanced Emergency Medical Technician I

**General**

Subject code EMT Course Number 201

Course Title Advanced Emergency Medical Technician I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 7

Semester Offered Upon Request

Prerequisites Admission to Eastern Arizona College's AEMT Program. HCE 112, HCE 116 and BIO 160 or BIO 201 and BIO 202 with a grade of "C" or higher.

Course Fee(s) Yes Fee Amount 225.00

**Description**  
 The AEMT Training Program follows the guidelines set forth by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP). Continuous enrollment in EMT 201 and 202 is required. The program focuses on the study of emergency medical care and evaluation and treatment of injuries in both technical and practical knowledge while providing in depth skills training to evaluate and treat a wide variety of both medical and trauma emergencies at the Advanced EMT level in the prehospital setting. Progression of learning includes didactic/laboratory integrated with or followed by additional clinical/field experience. Student will be responsible for purchasing Fisdap and My Clinical Exchange subscriptions as part of the course fees.

### EMT202 - Advanced Emergency Medical Technician II

**General**

Subject code EMT Course Number 202

Course Title Advanced Emergency Medical Technician II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 9

Semester Offered Upon Request

Prerequisites EMT 201 with a grade of "B" or higher. Current NREMT or Arizona EMT certification, AHA BLS healthcare provider card, ACLS provider card, and health insurance coverage are required.

Course Fee(s) Yes Fee Amount 200.00

**Description**  
 This course will cover the practical exam preparation and clinical/vehicular portion of the AEMT program. Students will complete 228 hours of clinical/vehicular time over the course of the semester. A practical exam will be given at the end of the course to prepare students to take the Arizona and NREMT Psychomotor Examination for AEMT. Check the current catalog for all course fees.

## EMT210 - Paramedic I

### General

Subject code EMT Course Number 210

Course Title Paramedic I

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 12

Semester Offered Upon Request

### Prerequisites

Admission to Eastern Arizona College's Paramedic Program. HCE 116 and BIO 160 or BIO 201 and BIO 202 with a grade of "C" or higher. Concurrent enrollment in EMT 219 and EMT 220.

Course Fee(s) Yes Fee Amount 525.00

### Description

The Paramedic Training Program follows the guidelines set forth by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP). Continuous enrollment in EMT 210, 212, and 214 is the study of emergency medical care and evaluation and treatment of injuries. The program focuses on both technical and practical knowledge while providing in depth skills training to evaluate and treat a wide variety of both medical and trauma emergencies in the prehospital setting. Progression of learning includes didactic/laboratory integrated with or followed by additional clinical/field experience. Student will be responsible to pay an additional fee for Fisdap as part of the course fees.

## EMT212 - Paramedic II

### General

Subject code EMT Course Number 212

Course Title Paramedic II

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 12

Semester Offered Upon Request

### Prerequisites

EMT 210, EMT 219, and EMT 220 with a grade of "B" or higher. Current NREMT or Arizona EMT certification, AHA BLS healthcare provider card, and health insurance coverage are required.

Course Fee(s) Yes Fee Amount 525.00

### Description

The Eastern Arizona College Paramedic Training program follows the guidelines set forth by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP). Continuous enrollment in EMT 210, 212, and 214 is the study of emergency medical care and evaluation and treatment of injuries. The program focuses on both technical and practical knowledge while providing in depth skills training to evaluate and treat a wide variety of both medical and trauma emergencies in the prehospital setting. Progression of learning includes didactic/laboratory integrated with or followed by additional clinical/field experience. Students will be required to complete a minimum of 24 clinical hours for EMT 212. Check the current catalog for all course fees.

## EMT214 - Paramedic III

### General

Subject code EMT Course Number 214

Course Title Paramedic III

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 6

Semester Offered Upon Request

### Prerequisites

EMT 212 with a grade of "B" or higher. Current NREMT or Arizona EMT certification, AHA BLS healthcare provider card, ACLS and PALS provider card, and health insurance coverage are required.

Course Fee(s) Yes Fee Amount 475.00

### Description

This course will cover the clinical/vehicular portion of the Paramedic program. Students will complete 75 hours of clinical/vehicular time for each credit to total 450 hours over the course of the semester. A practical exam will be given to prepare students to take the skills portion of the National Registry Examination for Paramedics. Check the current catalog for all course fees.

## EMT219 - Pharmacology in Emergency Settings

### General

Subject code EMT Course Number 219

Course Title Pharmacology in Emergency Settings

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

No Requirements

### Description

This course is designed to enhance knowledge in pharmacology to emergency medical technicians at the paramedic level. The content is focused on regulation of drugs, drug actions and interactions, and medications used in emergency situations.

## EMT220 - Advanced Cardiovascular Life Support

### General

Subject code EMT Course Number 220

Course Title Advanced Cardiovascular Life Support

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

### Prerequisites

Proof of current American Heart Association (BLS Healthcare Provider) CPR card or American Red Cross (Professional Rescuer) CPR card AND current AZ Certification or Licensure at the Paramedic/RN level or above (PA-C, NP-C, MD, DO, etc.) or current Certification or Licensure at the Paramedic/RN level or above (PA-C, NP-C, MD, DO etc.) from another state or territory, or Current Enrollment in a Paramedic or Nursing (RN) Program.

Course Fee(s) Yes Fee Amount 40.00

### Description

This course is designed to provide core information necessary to prepare students to pass American Heart Association's ACLS Provider course. The content is focused on the key concepts of advanced cardiac life support including ethical considerations in cardiac resuscitation. The student should have EKG interpretation skills and a current BLS CPR card.

## EMT221 - Pediatric Advanced Life Support

### General

Subject code EMT Course Number 221

Course Title Pediatric Advanced Life Support

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

### Prerequisites

Proof of current American Heart Association (BLS Healthcare Provider) CPR card or American Red Cross (Professional Rescuer) CPR card AND current AZ Certification or Licensure at the Paramedic/RN level or above (PA-C, NP-C, MD, DO, etc.) or current Certification or Licensure at the Paramedic/RN level or above (PA-C, NP-C, MD, DO etc.) from another state or territory, or Current Enrollment in a Paramedic or Nursing (RN) Program.

Course Fee(s) Yes Fee Amount 40.00

### Description

This course is designed to provide core information necessary to prepare students to pass American Heart Association's PALS Provider course. The content is focused on the key concepts of advanced cardiac life support including ethical considerations in cardiac resuscitation. The student should have EKG interpretation skills and a current BLS CPR card.

## EMT222 - Trauma Patient Management

### General

Subject code EMT Course Number 222

Course Title Trauma Patient Management

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Course Fee(s) Yes Fee Amount 40.00

### Description

With its comprehensive approach to core knowledge and skills, this course is appropriate for all levels of EMS personnel - from EMT and first responders to advanced EMTs, paramedics, trauma nurses, and physicians. Trauma course for the student who aspires to become certified in International Trauma Life Support (ITLS). This course includes classroom instruction, and hands-on skills training, and testing for ITLS Basic or Advanced certification. Innovative skills stations let you practice the abilities appropriate for your level of certification: patient assessment and management, basic and advanced airway management, spinal motion restriction - rapid extrication, short backboard, helmet management, log roll and long backboard/scoop stretcher utilization, extremity immobilization and traction splint application, needle chest decompression and fluid resuscitation (for advanced certification).

## EMT223 - Advanced Medical Life Support

### General

Subject code EMT Course Number 223

Course Title Advanced Medical Life Support

### Credit Hours

(Credit Hours) Value: 1

Semester Offered Spring

### Prerequisites

AMLS is appropriate for EMTs, paramedics, nurses, nurse practitioners, physician assistants, nurse anesthetists and physicians. Proof of certification or licensure in one of these areas is required for admission.

Course Fee(s) Yes Fee Amount 15.00

### Description

The mission of the Advanced Medical Life Support (AMLS) program is to provide knowledge and skills that promote the competence of healthcare providers responsible for the assessment and management of adult patients who present with a variety of medical emergencies. AMLS provides healthcare professionals the opportunity to engage in case-based, interactive lessons and practical patient simulations that support the AMLS Assessment Pathway.

## EMT224 - Prehospital Critical Care Provider

### General

Subject code EMT Course Number 224

Course Title Prehospital Critical Care Provider

### Credit Hours

(Credit Hours) Value: 5

Semester Offered Upon Request

### Prerequisites

Must be currently certified or licensed as a Paramedic or Registered Nurse with a minimum of two years' experience as an advanced care provider. Must hold current completion verification in American Heart Association Advanced Cardiac Life Support, Basic Life Support Healthcare Provider, and an Advanced Trauma course (ITLS or PHTLS).

### Description

The Prehospital Critical Care Provider course is designed to prepare paramedics and RN's to function as critical care transport team members. Critically ill or injured patients requiring transport between facilities need a different level of care from hospital or emergency field patients. This course provides students with knowledge of the special assessment techniques and needs of the critical care patient, the ability to operate and troubleshoot critical care transport equipment and develops the skills necessary to maintain the stability of the critical care patient during transport.

## EMT229 - ALS Refresher

### General

Subject code EMT Course Number 229

Course Title ALS Refresher

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

### Prerequisites

Students will gain updated EMS educational content as they review the National Core Curriculum Program (NCCP) of the National Registry of Emergency Medical Technicians and successfully perform required psychomotor skills. Students will receive a minimum of 45 hours of continuing education (CE) credits, up to a total of 60 credits, to be used for AZ State EMCT recertification or NREMT Paramedic recertification. If necessary, this course may also be designated as an "Official AZDHS Paramedic Refresher Course at the discretion of the course instructor and will be taught and documented as such in compliance with all state regulations for that designation.

Course Fee(s) Yes Fee Amount 120.00

### Description

This course is designed to enable students trained at the Paramedic level to maintain proficiency and receive the most up-to-date cognitive, psychomotor, and affective information for treating the sick and injured. This class may be repeated as many times as necessary to maintain provider recertification.

## EMT297 - Workshop

### General

Subject code EMT Course Number 297

Course Title Workshop

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 6

(Credit Hours) Value: 1

Credit Range 1 - 6

No Requirements

### Description

Designed to meet a variety of needs for students in Emergency Medical Technology.

### EMT298 - Workshop

**General**

Subject code EMT Course Number 298  
 Course Title Workshop  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range 1 - 3

No Requirements

Description  
 Designed to meet a variety of needs for students in Emergency Medical Technology.

### ENG091 - Reading Improvement II

**General**

Subject code ENG Course Number 091  
 Course Title Reading Improvement II  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered Fall and Spring

Prerequisites  
 ENG 090 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
 This course emphasizes improvement in reading comprehension, speaking, listening, and writing skills.

### EMT299 - Independent Study

**General**

Subject code EMT Course Number 299  
 Course Title Independent Study  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range 1 - 3

No Requirements

Description  
 Design and execution of original projects under faculty supervision.

### ENG100 - Writing Fundamentals

**General**

Subject code ENG Course Number 100  
 Course Title Writing Fundamentals  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 General Education Category AAS Degrees Only

Semester Offered Fall and Spring  
 Prerequisites  
 ENG 090 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
 Practice in reading and writing sentences, paragraphs, and short essays with an emphasis on the writing process; includes a review of basic grammar and punctuation rules in the context of writing. Lab time will be used to guide students through the writing process and to focus on individual grammar practice and writing skills.

### ENG090 - Reading Improvement I

**General**

Subject code ENG Course Number 090  
 Course Title Reading Improvement I  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered Fall and Spring

No Requirements

Description  
 This course emphasizes improvement in reading comprehension, speaking, listening, and writing skills.

### ENG101 - Written Communications I

**General**

Subject code ENG Course Number 101 SUN Number 1101  
 Course Title Written Communications I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3

General Education Category  
 Written and Oral Communication

Semester Offered  
 Fall and Spring

Prerequisites  
 ENG 100 with a grade of "C" or higher or writing placement test score as established by District policy and reading placement test score as established by District policy or ENG 091 with a grade of "C" or higher

Description  
 Emphasizes clear and effective writing and critical reading. Students generate at least 3,000 words of monitored writing, including formal and informal assignments.

### ENG102 - Written Communications II

#### General

Subject code Course Number SUN Number  
ENG 102 1102

Course Title  
Written Communications II

#### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

General Education Category  
Written and Oral Communication

Semester Offered  
Fall and Spring

Prerequisites  
ENG 101 with a grade of "C" or higher and reading placement test score as established by District policy or ENG 091 with a grade of "C" or higher

Description  
Continues development of skills and concepts taught in ENG 101. Students learn advanced research practices—how to locate, evaluate, and integrate sources into their writing, including proper citation methods. Students generate a minimum of 4,000 words of monitored writing throughout the semester.

### ENG110 - Written Communications I Lab

#### General

Subject code Course Number  
ENG 110

Course Title  
Written Communications I Lab

#### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
1

Semester Offered  
Fall and Spring

No Requirements

Description  
Provides individualized support for students enrolled in ENG 101 and other writing courses. Emphasizes the processes and skills required for effective narrative, analytic, argumentative, and source-based writing; punctuation, grammar, and stylistic concerns will be addressed as needed.

### ENG111 - Written Communications II Lab

#### General

Subject code Course Number  
ENG 111

Course Title  
Written Communications II Lab

#### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
1

Semester Offered  
Fall and Spring

No Requirements

Description  
Provides individualized support for students enrolled in ENG 102 and other writing courses. Emphasizes the processes and skills required for effective argumentative, source-based writing and analysis, as well as punctuation, grammar, and stylistic concerns.

### ENG113 - College Reading

#### General

Subject code Course Number  
ENG 113

Course Title  
College Reading

#### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Upon Request

Prerequisites  
ENG 091 with a grade of "C" or higher or placement test score as established by District policy

Activity  
Yes

Description  
Emphasizes mastery and application of critical reading strategies for college level texts.

### ENG131 - Introduction to Creative Writing

#### General

Subject code Course Number  
ENG 131

Course Title  
Introduction to Creative Writing

#### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
In this course, students will study methods of writing poetry, fiction, and creative non-fiction. They will share their works with their professor and peers in workshops, and in doing so, will learn to revise, edit, and polish their creative works, preparing them for submission to publications.

### ENG143 - Personal History Writing Made Easy

#### General

Subject code Course Number  
ENG 143

Course Title  
Personal History Writing Made Easy

#### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Interdisciplinary writing course on theories, and methodologies in writing a personal history.

## ENG201 - World Literature I

### General

Subject code  
ENG

Course Number  
201

Course Title  
World Literature I

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

General Education Category  
Arts and Humanities

Semester Offered  
Upon Request

Prerequisites  
ENG 101 with a grade of "C" or higher

Description  
Selected world literature from ancient times to the Renaissance. Students generate a minimum of 2,500 words including revisions throughout the semester.

## ENG218 - Writing About Literature

### General

Subject code  
ENG

Course Number  
218

Course Title  
Writing About Literature

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

General Education Category  
Arts and Humanities

Semester Offered  
Upon Request

Prerequisites  
ENG 101 with a grade of "C" or higher and reading placement test score as established by District policy or ENG 091 with a grade of "C" or higher

Description  
Critical reading and analytical writing on poetry, fiction, and drama. Students generate a minimum of 2,500 words including revisions throughout the semester.

## ENG202 - World Literature II

### General

Subject code  
ENG

Course Number  
202

Course Title  
World Literature II

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

General Education Category  
Arts and Humanities

Semester Offered  
Upon Request

Prerequisites  
ENG 101 with a grade of "C" or higher

Description  
Selected world literature from the Renaissance to modern times. Students generate a minimum of 2,500 words including revisions throughout the semester.

## ENG221 - English Literature I

### General

Subject code  
ENG

Course Number  
221

Course Title  
English Literature I

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

General Education Category  
Arts and Humanities

Semester Offered  
Fall

Prerequisites  
ENG 101 with a grade of "C" or higher and reading placement test score as established by District policy or ENG 091 with a grade of "C" or higher

Description  
Covers selected literature from the Middle Ages through the Restoration and Eighteenth Century. Exposes students to a variety of cultures, perspectives, and beliefs over these historical periods. Students generate a minimum of 2,500 words including revisions throughout the semester.

## ENG217 - Writing Reflective Essays

### General

Subject code  
ENG

Course Number  
217

Course Title  
Writing Reflective Essays

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

General Education Category  
Options

Semester Offered  
Fall and Spring

Prerequisites  
ENG 101 with a grade of "C" or higher and reading placement test score as established by District policy or ENG 091 with a grade of "C" or higher

Description  
Writing, reading, and analyzing reflective creative nonfiction essays. Students generate a minimum of 2,500 words including revisions throughout the semester.

## ENG222 - English Literature II

### General

Subject code  
ENG

Course Number  
222

Course Title  
English Literature II

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

General Education Category  
Arts and Humanities

Semester Offered  
Spring

Prerequisites  
ENG 101 with a grade of "C" or higher and reading placement test score as established by District policy or ENG 091 with a grade of "C" or higher

Description  
Covers selected literature from the Romantic Period through the present. Exposes students to a variety of cultures, perspectives, and beliefs over these historical periods. Students generate a minimum of 2,500 words including revisions throughout the semester.

## ENG230 - Publications I

### General

Subject code Course Number  
ENG 230

Course Title  
Publications I

### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Upon Request

Prerequisites  
ENG 101 with a grade of "C" or higher or concurrent enrollment in ENG 101 or instructor approval

Description  
Students will learn the principles of journalism, elementary design, and basic photography to produce significant portions of the yearbook of Eastern Arizona College or other student publications. Students will gain experience with desktop publishing and digital imaging as prepress requirements for printing. Participation will require work outside of class, covering school activities, and meeting production deadlines.

## ENG231 - Publications II

### General

Subject code Course Number  
ENG 231

Course Title  
Publications II

### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Upon Request

Prerequisites  
ENG 101 with a grade of "C" or higher or concurrent enrollment in ENG 101 or instructor approval

Description  
Students will learn the principles of journalism, elementary design, and basic photography to produce significant portions of the yearbook of Eastern Arizona College or other student publications. They may also participate in other student publications. Students will gain experience with desktop publishing and digital imaging as prepress requirements for printing. Participation will require work outside of class, covering school activities, and meeting production deadlines.

## ENG232 - Poetry Writing

### General

Subject code Course Number  
ENG 232

Course Title  
Poetry Writing

### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Upon Request

No Requirements

Description  
Students will write 45 pages of poetry (including major revisions). Students will hone their critical and aesthetic capabilities through analysis and constructive criticism of their own work, the work of their peers, and the work of established poets.

## ENG233 - Advanced Poetry Writing

### General

Subject code Course Number  
ENG 233

Course Title  
Advanced Poetry Writing

### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Upon Request

Prerequisites  
ENG 232

Description  
Students will write 45 pages of poetry (including major revisions). Students will hone their critical and aesthetic capabilities through analysis and constructive criticism of their own work, the work of their peers, and the work of established poets.

## ENG234 - Short Story Writing

### General

Subject code Course Number  
ENG 234

Course Title  
Short Story Writing

### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Fall

No Requirements

Activity  
Yes

Description  
Discussion and critique of student work and readings of representative works.

## ENG235 - Independent Writing: Poetry

### General

Subject code Course Number  
ENG 235

Course Title  
Independent Writing: Poetry

### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
1 3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Students seeking 3 credit hours will write 45 pages of poetry (including major revisions). Students seeking 2 credit hours will write 30 pages of poetry (including major revisions). Students seeking 1 credit hour will write 15 pages of poetry (including major revisions). All students will hone their critical and aesthetic capabilities through analysis and constructive criticism of their own work, the work of their peers, and the work of established poets.

**ENG235C - INDEP WRTGPOETRY****General**

Subject code	Course Number
ENG	235C

Course Title
INDEP WRTGPOETRY

**Credit Hours**

(Credit Hours) Min:	(Credit Hours) Max:
0	0

(Credit Hours) Value:
1

No Requirements
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**ENG236 - Independent Writing: Fiction****General**

Subject code	Course Number
ENG	236

Course Title
Independent Writing: Fiction

**Credit Hours**

(Credit Hours) Min:	(Credit Hours) Max:
1	3

(Credit Hours) Value:
3

Credit Range
1 - 3

Semester Offered
Upon Request

Prerequisites
Instructor approval

Activity
Yes

**Description**

Students will complete a finished short story or novel chapter (3,000 to 6,000 words) for each hour they are registered. Students also complete critical writing evaluating the work of a published fiction writer from a writer's perspective. Instructor works with students individually. The three-hour credit option is recommended in order to receive departmental elective credit at most universities.

**ENG237 - Independent Writing: Nonfiction****General**

Subject code	Course Number
ENG	237

Course Title
Independent Writing: Nonfiction

**Credit Hours**

(Credit Hours) Min:	(Credit Hours) Max:
1	3

(Credit Hours) Value:
1

Credit Range
1 - 3

Semester Offered
Upon Request

Prerequisites
Instructor approval

Activity
Yes

**Description**

Advanced writing, reading, and analyzing nonfiction essays. Students will complete a revised nonfiction essay or collection of nonfiction essays (3,000 to 6,000 words including major revisions) for each credit hour. The three-hour credit option is recommended in order to receive departmental elective credit at most universities.

**ENG241 - American Literature I****General**

Subject code	Course Number
ENG	241

Course Title
American Literature I

**Credit Hours**

(Credit Hours) Min:	(Credit Hours) Max:
0	0

(Credit Hours) Value:
3

General Education Category
Arts and Humanities

Semester Offered
Fall

**Prerequisites**

ENG 101 with a grade of "C" or higher and reading placement test score as established by District policy or ENG 091 with a grade of "C" or higher

**Description**

In this course, students will read and analyze selected works of literature from Native American beginnings to the Civil War so as to gain insights into the history and progress of American literature and the history of the Americas as viewed through literature. Students will generate a minimum of 2,500 words through formal and informal writing assignments and revisions.

**ENG242 - American Literature II****General**

Subject code	Course Number
ENG	242

Course Title
American Literature II

**Credit Hours**

(Credit Hours) Min:	(Credit Hours) Max:
0	0

(Credit Hours) Value:
3

General Education Category
Arts and Humanities

Semester Offered
Spring

**Prerequisites**

ENG 101 with a grade of "C" or higher and reading placement test score as established by District policy or ENG 091 with a grade of "C" or higher

**Description**

Students will read and analyze selected works of American literature from the Civil War to the present day so as to gain insights into the history and progress of American literature and the history of the United States as viewed through literature. Students will generate a minimum of 2,500 words through formal and informal writing assignments and revisions.

**ENG243 - Introduction to Writing Family History****General**

Subject code	Course Number
ENG	243

Course Title
Introduction to Writing Family History

**Credit Hours**

(Credit Hours) Min:	(Credit Hours) Max:
0	0

(Credit Hours) Value:
3

Semester Offered
Upon Request

**Prerequisites**

ENG 101 with a grade of "C" or higher and reading placement test score as established by District policy or ENG 091 with a grade of "C" or higher

**Description**

Interdisciplinary writing course on theories, methodologies, and issues in writing family history.

### ENG280 - Introduction to Literature

**General**

Subject code: ENG Course Number: 280

Course Title: Introduction to Literature

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category: Arts and Humanities

Semester Offered: Fall and Spring

**Prerequisites**  
ENG 101 with a grade of "C" or higher and reading placement test score as established by District policy or ENG 091 with a grade of "C" or higher

**Description**  
Introduces methods and tools of literary study through close reading, discussion, and analytical writing in poetry, fiction, drama, and creative nonfiction. Students practice applying literary terms, theoretical lenses, and contextual interpretation. Emphasizes literature as an art form that invites deeper appreciation, cultural understanding, and imaginative engagement. Students explore multiple interpretive approaches, study others' analyses, and develop their own informed perspectives, original interpretation, cultural awareness, and personal voice.

### ENG298 - Workshop

**General**

Subject code: ENG Course Number: 298

Course Title: Workshop

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range: 1 - 3

No Requirements

**Description**  
Designed to meet a variety of needs for students in the English Program.

### ENG299 - Independent Study

**General**

Subject code: ENG Course Number: 299

Course Title: Independent Study

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range: 1 - 3

No Requirements

**Description**  
Designed to meet a variety of needs for students in the English Program.

### ENV101 - Environmental Science

**General**

Subject code: ENV Course Number: 101

Course Title: Environmental Science

**Credit Hours**

(Credit Hours) Value: 4

General Education Category: Natural Sciences

Semester Offered: Fall and Spring

**Prerequisites**  
ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

**Description**  
This course is specifically designed for students participating in college transfer programs in environment science. It provides future educators with a background in ecological processes.

### ESL018 - Beginning English Skills I

**General**

Subject code: ESL Course Number: 018

Course Title: Beginning English Skills I

**Credit Hours**

(Credit Hours) Value: 3

Semester Offered: Upon Request

No Requirements

**Description**  
This course emphasizes basic reading, writing, listening, and speaking skills.

### ESL028 - Beginning English Skills II

**General**

Subject code: ESL Course Number: 028

Course Title: Beginning English Skills II

**Credit Hours**

(Credit Hours) Value: 3

Semester Offered: Upon Request

**Description**  
This course continues the work of ESL 018, emphasizing basic reading, writing, listening, and speaking skills.

### FCR130 - Sewing for Today

**General**

Subject code Course Number  
FCR 130

Course Title  
Sewing for Today

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
1 3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
Basic to advanced clothing instruction. Projects are chosen by students to meet individual needs, interest, and skill level; primarily part-time or non-major students.

### FCR132 - Quilting

**General**

Subject code Course Number  
FCR 132

Course Title  
Quilting

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
1 2

(Credit Hours) Value:  
1

Credit Range  
1 - 2

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
For students who need or want to learn a variety of quilting techniques. Projects are chosen by students to meet their individual needs and interests.

### FCR134 - Advanced Quilting

**General**

Subject code Course Number  
FCR 134

Course Title  
Advanced Quilting

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
1 2

(Credit Hours) Value:  
1

Credit Range  
1 - 2

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
For students who need or want to learn advanced quilting techniques. Projects are chosen by students to meet their individual needs and interests.

### FCR136 - Sewing Small Projects

**General**

Subject code Course Number  
FCR 136

Course Title  
Sewing Small Projects

**Credit Hours**  
(Credit Hours) Value:  
2

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
Basic to advanced sewing projects. Projects are chosen by students to meet individual needs, interest, and skill level; primarily part-time or non-major students.

### FCR138 - Beginning Machine Embroidery

**General**

Subject code Course Number  
FCR 138

Course Title  
Beginning Machine Embroidery

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
2

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Beginning machine embroidery. Projects are chosen by students to meet individual needs, interest, and skill level; primarily for part-time and non-major students.

### FCR139 - Advanced Machine Embroidery

**General**

Subject code Course Number  
FCR 139

Course Title  
Advanced Machine Embroidery

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
2

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Advanced machine embroidery. Projects are chosen by students to meet individual needs, interest, and skill level; primarily for part-time and non-major students.

### FCR140 - Art Quilting and Quilted Clothing

**General**

Subject code FCR Course Number 140

Course Title Art Quilting and Quilted Clothing

**Credit Hours**

(Credit Hours) Min: 2 (Credit Hours) Max: 2

(Credit Hours) Value: 2

Activity Yes

Description For students who need or want to learn a variety of art quilting techniques. Projects are chosen by students to meet their individual needs and interests.

### FCR151 - Beginning Cake Decoration

**General**

Subject code FCR Course Number 151

Course Title Beginning Cake Decoration

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity Yes

Description Students will learn the basic principles and methods of cake and pastry baking, decorating, and sales. Instruction is given on the history of cakes, kitchen safety, selection and mixture of ingredients, cooking procedures, cake assembly, decoration techniques, cake preservation, and associated entrepreneurial activity.

### FCR297 - Workshop

**General**

Subject code FCR Course Number 297

Course Title Workshop

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 6

(Credit Hours) Value: 1

Credit Range 1 - 6

Semester Offered Upon Request

No Requirements

Activity Yes

Description A course designed to meet a variety of needs for students in Family Consumer Resources.

### FCR298 - Workshop

**General**

Subject code FCR Course Number 298

Course Title Workshop

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

Description Intermediate to advanced instruction. Projects are chosen by students to meet individual needs, interest, and skill level; primarily for part-time and non-major students.

### FCR299 - Independent Study

**General**

Subject code FCR Course Number 299

Course Title Independent Study

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

Description Design and execution of original projects under faculty supervision.

### FLN298 - Workshop

**General**

Subject code FLN Course Number 298

Course Title Workshop

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

Description Meets individual student needs in languages other than Apache, French, German, and Spanish.

### FOR101 - Introduction to Forestry

#### General

Subject code: FOR Course Number: 101

Course Title: Introduction to Forestry

#### Credit Hours

(Credit Hours) Value: 3

Semester Offered: Spring

No Requirements

Description: This course focuses on developing an introductory understanding of issues and science dealing with forestry.

### FRE011 - Beginning Conversational French I

#### General

Subject code: FRE Course Number: 011

Course Title: Beginning Conversational French I

#### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered: Fall and Spring

No Requirements

Activity: Yes

Description: Emphasizes sentence structure, vocabulary, pronunciation, and study of French-speaking cultures.

### FRE012 - Beginning Conversational French II

#### General

Subject code: FRE Course Number: 012

Course Title: Beginning Conversational French II

#### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered: Fall and Spring

No Requirements

Activity: Yes

Description: Emphasizes sentence structure, vocabulary, pronunciation, and study of French-speaking cultures.

### FRE101 - Elementary French I

#### General

Subject code: FRE Course Number: 101 SUN Number: 1101

Course Title: Elementary French I

#### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

General Education Category: Written and Oral Communication

Semester Offered: Fall and Spring

Prerequisites: ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description: This course is designed for students at the Beginning French I level. Emphasizes speaking, reading, writing, listening comprehension, and culture through a variety of approaches.

### FRE102 - Elementary French II

#### General

Subject code: FRE Course Number: 102 SUN Number: 1102

Course Title: Elementary French II

#### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

General Education Category: Written and Oral Communication

Semester Offered: Fall and Spring

Prerequisites: ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy and FRE 101 or instructor approval.

Description: Continuation of FRE 101. Emphasizes speaking, reading, writing, listening comprehension, and culture through a variety of approaches.

### FRE201 - Intermediate French I

#### General

Subject code: FRE Course Number: 201 SUN Number: 2201

Course Title: Intermediate French I

#### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

General Education Category: Written and Oral Communication

Semester Offered: Fall and Spring

Prerequisites: ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy and FRE 102 or instructor approval.

Description: Intermediate study of French language, with emphasis on speaking, listening, reading, and writing. Course taught in French. With completion of two or more years of high school French or equivalent experience in a French speaking country, instructor may approve placement in this class.

### FRE202 - Intermediate French II

**General**

Subject code                      Course Number                      SUN Number  
 FRE                                      202                                      2202

Course Title  
 Intermediate French II

**Credit Hours**

(Credit Hours) Min:                      (Credit Hours) Max:  
 0    0

(Credit Hours) Value:  
 4

General Education Category  
 Written and Oral Communication

Semester Offered  
 Fall and Spring

Prerequisites  
 ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy and FRE 201 or instructor approval.

Description  
 Continuation of FRE 201. Intermediate study of French language, with emphasis on speaking, listening, reading, and writing. Course taught in French. With completion of four years of high school French or equivalent experience in a French speaking country, instructor may approve placement in this class.

### FRE261 - French Conversation and Composition I

**General**

Subject code                      Course Number  
 FRE                                      261

Course Title  
 French Conversation and Composition I

**Credit Hours**

(Credit Hours) Min:                      (Credit Hours) Max:  
 0    0

(Credit Hours) Value:  
 2

Semester Offered  
 Upon Request

No Requirements

Description  
 Emphasizes speaking and writing in everyday idiom; employs materials based on current topics.

### FRE262 - French Conversation and Composition II

**General**

Subject code                      Course Number  
 FRE                                      262

Course Title  
 French Conversation and Composition II

**Credit Hours**

(Credit Hours) Min:                      (Credit Hours) Max:  
 0    0

(Credit Hours) Value:  
 2

Semester Offered  
 Upon Request

No Requirements

Description  
 Emphasizes speaking and writing in everyday idiom; employs material based on current topics.

### FRE298 - Workshop

**General**

Subject code                      Course Number  
 FRE                                      298

Course Title  
 Workshop

**Credit Hours**

(Credit Hours) Min:                      (Credit Hours) Max:  
 1    3

(Credit Hours) Value:  
 1

Credit Range  
 1 - 3

No Requirements

Description  
 Designed to meet a variety of needs for students in French.

### FRE299 - Independent Study

**General**

Subject code                      Course Number  
 FRE                                      299

Course Title  
 Independent Study

**Credit Hours**

(Credit Hours) Min:                      (Credit Hours) Max:  
 1    3

(Credit Hours) Value:  
 1

Credit Range  
 1 - 3

No Requirements

Description  
 Design and execution of original projects under faculty supervision for students in French Language.

### GCU121 - World Geography Eastern Hemisphere I

**General**

Subject code                      Course Number  
 GCU                                      121

Course Title  
 World Geography Eastern Hemisphere I

**Credit Hours**

(Credit Hours) Min:                      (Credit Hours) Max:  
 0    0

(Credit Hours) Value:  
 3

Prerequisites  
 ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
 This course examines the spatial variations in culture, social, economic, and political phenomena in major world regions (e.g., economy, demographics, finance, politics, religion, education). The emphasis is on the major cultural realms of Europe, North Africa, and Asia.

### GCU122 - World Geography II: Western Hemisphere

**General**

Subject code GCU Course Number 122

Course Title World Geography II: Western Hemisphere

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description This course examines the spatial variations in culture, social, economic, and political phenomena in major world regions (e.g., economy, demographics, finance, politics, religion, education). The emphasis is on the major cultural realms of Sub-Saharan Africa, Latin America, and Anglo-America.

### GEN100 - Beginning Genealogy

**General**

Subject code GEN Course Number 100

Course Title Beginning Genealogy

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

No Requirements

Activity Yes

Description Students will be learning how to create a family tree and learn about their family history. This course will also help students know where to search for family historical information, including dates, location, and events that surround their ancestor's lives.

### GEN101 - Genealogy Search

**General**

Subject code GEN Course Number 101

Course Title Genealogy Search

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

No Requirements

Activity Yes

Description This course will help students with genealogical and family history research and use it to grow their family tree. Students will have the opportunity to focus on an individual or on a small group of their ancestors. Students will gain a better understanding of events in their family history and explore personal and statistical details surrounding their family tree. Students will develop a secure knowledge of researching methodologies and genealogical proofs according to correct standards to definitively validate their research findings.

### GEN102 - Advanced Genealogy Search

**General**

Subject code GEN Course Number 102

Course Title Advanced Genealogy Search

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

Prerequisites GEN 100 and GEN 101 or Instructor approval

Activity Yes

Description This course gives the students the opportunity to further their ancestral research through supervised guidance in a lab setting. Students will use the classroom time to practice skills learned in GEN 100 and GEN 101.

### GEN108 - Video Editing for Family History

**General**

Subject code GEN Course Number 108

Course Title Video Editing for Family History

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

No Requirements

Activity Yes

Description An introductory course in video production for the individual who wants to document family history and other personal events. Participants capture home videos and scan photographs or slides to a computer so they can preserve and share these moments with their families. They create a DVD of their completed projects. This course is taught on the PC platform.

### GLG015 - Rocks and Minerals

**General**

Subject code GLG Course Number 015

Course Title Rocks and Minerals

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

No Requirements

Description Identification, classification, and origin of rocks and minerals with emphasis on materials common to Arizona.

### GLG101 - Physical Geology

**General**

Subject code                      Course Number                      SUN Number  
 GLG                                      101                                      1101

Course Title  
 Physical Geology

**Credit Hours**

(Credit Hours) Min:                      (Credit Hours) Max:  
 0    0

(Credit Hours) Value:  
 4

General Education Category  
 Natural Sciences

Semester Offered  
 Fall

Prerequisites  
 ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
 This course covers the fundamentals of geology: rocks, minerals, geologic time, plate tectonics, earthquakes, volcanoes, surface processes, and earth resources. The lab delves into the chemistry of minerals, how rocks form, geologic mapping with GPS, geology in the field, and other fundamental topics. Several field trips are taken each semester.

### GLG118 - Geology of Arizona

**General**

Subject code                      Course Number  
 GLG                                      118

Course Title  
 Geology of Arizona

**Credit Hours**

(Credit Hours) Min:                      (Credit Hours) Max:  
 0    0

(Credit Hours) Value:  
 2

Semester Offered  
 Upon Request

No Requirements

Description  
 Geology of Arizona focuses on the unique geological processes and features found in Arizona. The course emphasizes specific regions and features within the state including, but not limited to, the Grand Canyon, Mt. Graham, and the Chiricahua mountains. The course will cover all of the dominant lithology and mineralogy of Arizona as well as the structural and geomorphological history of the region. Field trips will be a dominant feature of the course, comprising at least sixteen hours combined.

### GLG102 - Historical Geology

**General**

Subject code                      Course Number                      SUN Number  
 GLG                                      102                                      GLG 1102

Course Title  
 Historical Geology

**Credit Hours**

(Credit Hours) Min:                      (Credit Hours) Max:  
 0    0

(Credit Hours) Value:  
 4

General Education Category  
 Natural Sciences

Semester Offered  
 Spring

Prerequisites  
 ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
 This course is an introduction to the principles and interpretation of geologic history. It emphasizes the evolution of the earth's lithosphere (crust), atmosphere, and biosphere through geologic time. It includes consideration of the historical aspects of plate tectonics, the geologic development of North America, and important events in biological evolution and the resulting assembly of fossils. It provides an appreciation for the vast extent of geologic time, the natural processes affecting change on the earth, and the identification of common fossil types.

### GLG298 - Workshop

**General**

Subject code                      Course Number  
 GLG                                      298

Course Title  
 Workshop

**Credit Hours**

(Credit Hours) Min:                      (Credit Hours) Max:  
 1    3

(Credit Hours) Value:  
 1

Credit Range  
 1 - 3

No Requirements

Description  
 A course designed to meet a variety of needs for students in Geology.

### GLG110 - Geologic Hazards and Disasters

**General**

Subject code                      Course Number  
 GLG                                      110

Course Title  
 Geologic Hazards and Disasters

**Credit Hours**

(Credit Hours) Min:                      (Credit Hours) Max:  
 0    0

(Credit Hours) Value:  
 4

General Education Category  
 Natural Sciences

Semester Offered  
 Spring

Prerequisites  
 ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
 Geologic hazards and disasters (earthquakes, volcanoes, tsunamis, meteorite and comet impacts, flooding, severe weather) are important processes in shaping the earth and human civilization. This course will acquaint students with the scientific principles governing these processes and their historic and future effect on society.

### GLG299 - Independent Study

**General**

Subject code                      Course Number  
 GLG                                      299

Course Title  
 Independent Study

**Credit Hours**

(Credit Hours) Min:                      (Credit Hours) Max:  
 1    3

(Credit Hours) Value:  
 1

Credit Range  
 1 - 3

No Requirements

Description  
 Design and execution of original projects under faculty supervision.

### HCE100 - Basic Health Care Concepts and Skills

**General**

Subject code HCE Course Number 100

Course Title  
Basic Health Care Concepts and Skills

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
4

Semester Offered  
Fall and Spring

**Prerequisites**  
ENG 100 with a grade of "C" or higher or writing placement test score as established by District policy and reading placement test score as established by District policy or ENG 091 with a grade of "C" or higher.

**Description**  
Introductory course for students interested in health occupations. Student learning will focus on health care systems, careers in health care, personal qualities of a health care worker, legal responsibilities, and basic knowledge and skills required in the health profession. This course is designed to prepare the student to enter the world of health occupations.

### HCE103 - Computers in Healthcare

**General**

Subject code HCE Course Number 103

Course Title  
Computers in Healthcare

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
2

Semester Offered  
Upon Request

No Requirements

**Description**  
Introduction to computer applications in healthcare settings including electronic health records, health record content, structure, and origin of clinical information for various healthcare settings. A basic review of federal, state, and organizational documentation guidelines. Legal and ethical issues applicable to health information documentation and coding practices. It is recommended that one introductory course in computers be completed prior to enrolling in this course.

### HCE101 - Basic Life Support

**General**

Subject code HCE Course Number 101

Course Title  
Basic Life Support

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
2

Semester Offered  
Fall and Spring

No Requirements

**Description**  
This course is focused on basic life support as performed by a health care provider. The content includes patient assessment, airway management, cardiopulmonary resuscitation, shock, bleeding and wounds, body area injuries, poisoning, burns, cold and heat-related emergencies, bone injuries, medical emergencies, emergency childbirth, and first aid skills. Identical to HPE 190 and EMT 122.

### HCE112 - Medical Terminology

**General**

Subject code HCE Course Number 112

Course Title  
Medical Terminology

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
2

Semester Offered  
Fall and Spring

No Requirements

**Description**  
This course is designed to give direction to the beginning allied health student who has very little experience in scientific or medical subjects. The content includes study of medical terms using a programmed learning, word-building system approach as well as the study of allied health professions, medical abbreviations and symbols, review of basic grammar as it relates to medical terminology, and introduction to basic body structures. Emphasis is placed on assessing individual and group needs and providing private consultation as well as group instruction to meet those needs.

### HCE102 - Introduction to Health Information Management

**General**

Subject code HCE Course Number 102

Course Title  
Introduction to Health Information Management

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Upon Request

No Requirements

**Description**  
An overview of health care delivery systems and mechanisms in the U.S. Includes the medical model of healthcare and delivery in the U.S, public policy, professional roles, legal and regulatory issues, ancillary services, health record and payment systems including the Electronic Health Record (EHR), and computer systems. Also includes health reform initiatives in the U.S.

### HCE116 - Medical Dosage Calculations

**General**

Subject code HCE Course Number 116

Course Title  
Medical Dosage Calculations

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
2

Semester Offered  
Fall and Spring

**Prerequisites**  
MAT 100 or higher with a grade of "C" or higher or math placement test score as established by District policy or instructor approval

**Description**  
This course involves reading medication documents and accurate calculation of medical dosages and solutions. The content includes math review, systems of measurements, medication administrations, dosage calculations, and unit conversions.

## HCE130 - Medical Assisting: Administrative Competencies

### General

Subject code	Course Number
HCE	130

Course Title  
Medical Assisting: Administrative Competencies

### Credit Hours

(Credit Hours) Min:	(Credit Hours) Max:
0	0

(Credit Hours) Value:  
4

Semester Offered  
Fall

No Requirements

### Description

This course is focused on acquiring the knowledge necessary to perform medical assistant's administrative duties. The content includes introduction to common equipment utilized to file and maintain medical records, and defines and outlines the security and safety measures employed when working with medical records. Identifies and compares active, inactive, and closed medical records and how to set up a medical record retention system for a medical office. Defines medical assisting as it relates to the health care profession, ethics, safety, and security in the medical office, cultural diversity, integrated administrative procedures, health insurance, medical coding, and billing. Relates the importance of the FDA and DEA to administrative procedures and summarizes the purpose of federal healthcare regulations: HCQIA, False Claims Act, OSHA, and HIPAA.

## HCE156 - Science for Allied Health

### General

Subject code	Course Number
HCE	156

Course Title  
Science for Allied Health

### Credit Hours

(Credit Hours) Min:	(Credit Hours) Max:
0	0

(Credit Hours) Value:  
4

Semester Offered  
Spring

No Requirements

### Description

Introduction to biology for the health professions. Includes principles of science, the chemistry of life, cell anatomy and physiology, cellular respiration, the making of proteins, cellular reproduction, patterns of inheritance, embryonic development, and human tissues.

## HCE158 - Medical Laboratory Assisting I

### General

Subject code	Course Number
HCE	158

Course Title  
Medical Laboratory Assisting I

### Credit Hours

(Credit Hours) Min:	(Credit Hours) Max:
0	0

(Credit Hours) Value:  
7

Semester Offered  
Fall

### Prerequisites

1.HCE 186 with a grade of "C" or higher or concurrent enrollment in HCE 186 or instructor approval; 2.Must be at least 17 years of age at the start of the class; 3.Present current CPR card issued by the American Heart Association (BLS Healthcare Provider) or American Red Cross (Professional Rescuer); 4.Present proof of two-step TB skin test or chest X-ray within the past six (6) months; 5.Present proof of MMR (measles, mumps, & rubella), Hepatitis B, Varicella (chickenpox), Tdap (tetanus, diphtheria, & pertussis), COVID-19, and Influenza (flu) immunizations; 6.Present proof of 10 Panel Drug Screen (Urine Drug Screen); 7.Present proof of fingerprint clearance card; 8.The prospective student will submit documentation of the prerequisites with the completed Proof of Prerequisites Form to the Clinical Coordinator's Office prior to registration.

### Description

This course includes classroom, laboratory, and clinical experience designed to prepare the student to enter the health profession as a laboratory assistant. Emphasis is on the role of a laboratory assistant, certification and regulatory agencies, process improvement, laboratory mathematics, documentation, legal implications, specimen integrity, principles, and procedures for preanalytical processing of laboratory specimens. It also includes application of quality assurance, infection control, laboratory safety practices, specimen processing, point of care testing, and clerical and computer functions based on current guidelines for documentation.

## HCE159 - MEDICAL LABORATORY ASSISTING II

### General

Subject code	Course Number
HCE	159

Course Title  
MEDICAL LABORATORY ASSISTING II

### Credit Hours

(Credit Hours) Min:	(Credit Hours) Max:
0	0

(Credit Hours) Value:  
7

Semester Offered  
Spring

### Prerequisites

HCE 158 with a grade of "C" or higher

### Description

This course includes classroom, laboratory, and clinical experience designed to continue the preparation of the student to enter the health profession as a laboratory assistant. Emphasis is on health care reform, reimbursement, cost analysis, coding, credentialing, accreditation, laboratory regulations, and regulatory agencies. It also includes application of pre-analytical, analytical, and post-analytical principles, infection control, laboratory safety, recognition of acceptable quality control, quality management principles, phlebotomy principles, and water requirements.

## HCE160 - Medical Assisting: Clinical Competencies

### General

Subject code	Course Number
HCE	160

Course Title  
Medical Assisting: Clinical Competencies

### Credit Hours

(Credit Hours) Min:	(Credit Hours) Max:
0	0

(Credit Hours) Value:  
6

Semester Offered  
Spring

### Prerequisites

HCE 100 or NUR 100 or concurrent enrollment in HCE 100 or NUR 100 or instructor approval with a valid/active LNA or CNA license; HCE 116; HCE 130; HCE 171 or concurrent enrollment in HCE 171; HCE 186 or concurrent enrollment in HCE 186; and HCE 190 or concurrent enrollment in HCE 190. All prerequisites must be completed with a grade of "C" or higher.

### Description

This course is focused on knowledge necessary to perform clinical competencies as a medical assistant. The clinical aspects of medical assisting focuses on compiling patients' medical histories, acquiring patient's vital signs, recording them, and attaining the ability to discern when a healthcare provider needs to be notified regarding a potential or apparent medical issue. Emphasis is placed on administering medications under the direction of a supervising physician/healthcare provider. Content also includes assisting with general and specialty exams, assisting with pediatric and geriatric patients, collecting lab specimens, and educating patients regarding disease process, medication needs, diagnostic procedures, and nutrition. Attention is placed on the general principles of physical therapy and cryotherapy as well as thermotherapy. The content includes performing sterile procedures, first aid, and ECG's. Cultural diversity is discussed as well as the importance of following HIPAA guidelines.

## HCE170 - Medical Assisting: Externship

### General

Subject code	Course Number
HCE	170

Course Title  
Medical Assisting: Externship

### Credit Hours

(Credit Hours) Min:	(Credit Hours) Max:
0	0

(Credit Hours) Value:  
4

Semester Offered  
Summer, Fall

### Prerequisites

HCE 160

### Description

Designed to provide students a clinical setting environment in which they build on their clinical skills and front office competencies by being precepted by an experienced Medical Assistant. Each Medical Assistant student must complete an externship of a minimum of 160 hours in an ambulatory/clinical health care setting. In the actual working environment, students will perform both administrative and clinical competencies. Administrative competencies include performing clerical functions, bookkeeping procedures, and special accounting entries. Clinical competencies include fundamental principles, specimen collection, diagnostic testing, and patient care. Transdisciplinary competencies are integrated in both clinical and administrative areas. These include communication, legal concepts, patient instruction, and operational functions. Student must provide proof of current TB skin test, or a clear chest X-ray, or a statement from a healthcare provider indicating student is free from symptoms of pulmonary tuberculosis, and a current CPR card.

## HCE171 - Introduction to Pharmacology

### General

Subject code Course Number  
 HCE 171

Course Title  
 Introduction to Pharmacology

### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 3

Semester Offered  
 Fall

No Requirements

### Description

This is an introductory course in pharmacology beginning with the history of the evolution of the science of pharmacology. The course develops into two major components: the principles and general aspects of pharmacology and discussion of the pharmacology of some specific organ systems and infections. The course will provide a good foundation of knowledge for those students who want to become a healthcare deliverer.

## HCE186 - Phlebotomy and Clinical Laboratory

### General

Subject code Course Number  
 HCE 186

Course Title  
 Phlebotomy and Clinical Laboratory

### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 2

Semester Offered  
 Fall and Spring

No Requirements

### Description

The study of accurate, up-to-date, practical information and instruction in phlebotomy procedures and techniques, along with a comprehensive background in phlebotomy theory and principles. Skill includes drawing blood, obtaining blood cultures, using Lancet or a Microlance for a micro-draw or an infant heel stick, and measuring bleeding time. This course requires successful invasive intravenous draws including fifty (50) draws using vacutainer system and ten (10) capillary sticks.

## HCE180 - Patient Care Technician

### General

Subject code Course Number  
 HCE 180

Course Title  
 Patient Care Technician

### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 4

Semester Offered  
 Spring

Prerequisites  
 NUR 100 or instructor approval with a valid/active CNA license

### Description

This course focuses on patient care services under the supervision of an instructor. Students will learn knowledge and skills necessary to perform mid-level nursing care to complex patients and recognize changes in patient conditions. Contents include but are not limited to infection control. Student must demonstrate utilizing universal precautions, sterile technique, performing sterile procedures such as wound care/sterile dressing change, performing sterile technique while placing a urinary catheter, venipuncture, ECG application, neurological observation, and skills in assisting with physical and occupational therapy. Students must have an active and valid certified nursing assistant certification/or licensed nursing assistant.

## HCE188 - Electrocardiogram

### General

Subject code Course Number  
 HCE 188

Course Title  
 Electrocardiogram

### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 2

Semester Offered  
 Fall

No Requirements

### Description

This course is focused on knowledge and skill necessary to perform electrocardiogram (ECG) monitoring duties. The content includes anatomy and physiology of the cardiac, pulmonary, and vascular systems. ECG interpretation techniques, equipment, and supplies used in telemetry will be covered.

## HCE181 - Medical Claims Processing

### General

Subject code Course Number  
 HCE 181

Course Title  
 Medical Claims Processing

### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 3

Semester Offered  
 Upon Request

Prerequisites  
 HCE 103 or concurrent enrollment in HCE 103

### Description

This course allows for the student to understand the application of third-party payer billing information to claims processing in the non-hospital setting. This course also includes the use of computer for claims to ensure confidentiality, data retention, and successful payment for services.

## HCE189 - Phlebotomy Certification Review

### General

Subject code Course Number  
 HCE 189

Course Title  
 Phlebotomy Certification Review

### Credit Hours

(Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 2

Semester Offered  
 Fall and Spring

Prerequisites  
 HCE 186

### Description

This course provides a comprehensive review of current phlebotomy theory and study plan for phlebotomy certification through American Medical Technologist (AMT). Students are provided an opportunity to test their knowledge and application of current phlebotomy theory in the classroom and online setting that will prepare them for certification and advancement in phlebotomy licensure. Completion of the course requires a minimum of 50 successful venipunctures and 10 capillary punctures from a human source.

## HCE190 - Human Body in Health and Disease

### General

Subject code HCE Course Number 190

Course Title Human Body in Health and Disease

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

Semester Offered Fall and Spring

No Requirements

### Description

This course encompasses the study of the basic concepts of human biology which includes anatomy, physiology, biochemistry, cytology, histology, pathology, and related pharmacology. Included are the essential anatomical and physiological concepts of the human body's organ systems. Also included are discussions of growth, development, and aging of the human body. Understanding of these subjects leads to the topic of the psychological development of one's personality and inter-social relationships. This is based on the concept of the human's "hierarchy of needs" which is part of this course. Lab activities may be incorporated into the lectures. They will be designed to support or teach concept.

## HCE210 - Introduction to International Classification of Diseases (ICD10)

### General

Subject code HCE Course Number 210

Course Title Introduction to International Classification of Diseases (ICD10)

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites BIO 160 or BIO 202 and HCE 112 and HCE 190 or HCE 240 or concurrent enrollment in BIO 160 or BIO 202 and HCE 112 and HCE 190 or HCE 240

### Description

Introduction to principles and applications of the International Classification of Diseases (ICD) coding system and the Healthcare Common Procedure Coding System (HCPCS). Includes overview of coding, introduction to ICD 10th Revision Clinical Modifications/Procedural Coding System (10-CM/PCS), coding conventions, coding guidelines, hospital inpatient, outpatient, and physician office coding, and overview of HCPCS.

## HCE212 - Current Procedural Terminology (CPT) I

### General

Subject code HCE Course Number 212

Course Title Current Procedural Terminology (CPT) I

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites HCE 210 or concurrent enrollment in HCE 210

### Description

Introduction to the principals and application of the Current Procedural Terminology (CPT) Coding System and the Healthcare Common Procedure Coding System (HCPCS). General content includes coding guidelines for medical and surgical services, compliance, overview of HCPCS, and application of current evaluation and management documentation guidelines. Appropriate assignment of CPT and HCPCS (Healthcare Common Procedural Coding System) Level II modifiers.

## HCE214 - Current Procedural Terminology (CPT) II

### General

Subject code HCE Course Number 214

Course Title Current Procedural Terminology (CPT) II

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites HCE 212 or concurrent enrollment in HCE 212

### Description

In-depth exposure to CPT (Current Procedural Terminology) coding, reimbursement trends, guidelines, and coding from source documents. Application of current evaluation and management documentation guidelines. Emphasis on surgical procedures. Introduction to computerized encoders.

## HCE216 - Professional Practice in Coding and Billing

### General

Subject code HCE Course Number 216

Course Title Professional Practice in Coding and Billing

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

Prerequisites HCE 214 or concurrent enrollment in HCE 214

### Description

Designed to provide for student attainment of the entry-level competencies for medical coding and billing. Placement in a clinic, physician office, hospital, managed care organization, private billing, or insurance company setting is required for a minimum of 90 hours. In an actual work situation, students will perform both medical coding and billing competencies.

## HCE240 - Human Pathophysiology

### General

Subject code HCE Course Number 240

Course Title Human Pathophysiology

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

Semester Offered Fall and Spring

Prerequisites HCE 190 or BIO 160 or BIO 202 or concurrent enrollment in BIO 202 or instructor approval

### Description

Chemical, biologic, biochemical, and psychological processes as a foundation for the understanding of alterations in health. This course focuses on the etiology, symptomatology, evaluation, treatment, and prognosis of disease processes of the human body system. These may provide awareness of possible implications of certain aspects of diseases, current scientific advances, and selected therapeutics.

## HCE241 - Nutrition

### General

Subject code HCE Course Number 241

Course Title Nutrition

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

No Requirements

### Description

Scientific principles of human nutrition. Emphasis on health promotion and concepts for conveying accurate nutrition information in a professional setting. Addresses medical nutrition therapy principles for treatment of common health conditions. Includes exploration of food sources of nutrients, basic metabolism of nutrients in the human body, relationship between diet and other lifestyle factors, use of supplements, current recommendation for food selection throughout the life cycle and use of nutrition tools for planning food intake or assessment of nutritional status.

## HCE289 - Phlebotomy Practicum

### General

Subject code HCE Course Number 289

Course Title Phlebotomy Practicum

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Spring

Prerequisites HCE 186 and HCE 189 or concurrent enrollment in HCE 189; Minimum age 18

### Description

Designed to provide for student attainment of the entry-level competencies for phlebotomy technician. Placement in an inpatient and outpatient health care setting is required for a minimum of 90 hours. Clinical competencies include drawing blood from patients in hospitals, clinics, doctors' offices, laboratories, or similar facilities for medical purposes. In an actual work situation, students will collect blood samples by venipuncture or capillary draw. The student will facilitate the collection and transportation of laboratory specimens within the medical laboratory. Competencies include the assurance of quality control and safety precautions to prevent the transmission of infectious diseases. Students must provide proof of current TB skin test, or a clear chest X-ray, or a statement from a health care provider indicating student is free from symptoms of pulmonary tuberculosis. Students must also provide proof of MMR (measles, mumps, & rubella) and Hepatitis B vaccinations. On successful completion, the student is eligible to sit for the American Medical Technologists (AMT) National Registered Phlebotomy Technician Exam. AMT may deny an application if an applicant has any convictions involving a felony.

## HCE297 - Workshop

### General

Subject code HCE Course Number 297

Course Title Workshop

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 6

(Credit Hours) Value: 1

Credit Range 1 - 6

No Requirements

### Description

Designed to meet a variety of needs for students in an Allied Health program.

## HCE299 - Independent Study

### General

Subject code HCE Course Number 299

Course Title Independent Study

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 6

(Credit Hours) Value: 1

Credit Range 1 - 6

No Requirements

### Description

Design and execution of original projects under faculty supervision.

## HCE304 - Health Communication

### General

Subject code HCE Course Number 304

Course Title Health Communication

### Credit Hours

(Credit Hours) Value: 3

Semester Offered Spring

### Prerequisites

BUA 259, HCE 112, and HHP100 all with a grade of "C" or better

### Description

This course focuses on communication topics related to health through an examination of theoretical frameworks, communication techniques, and different technologies. Addresses communication through channels that promote the health of individuals and communities. Topics may include clinician to client communication, peer to peer communication, health literacy, health in the media, and effective public health communication.

## HCE307 - Health Leadership

### General

Subject code HCE Course Number 307

Course Title Health Leadership

### Credit Hours

(Credit Hours) Value: 3

Semester Offered Fall

### Prerequisites

BUA 200 with a grade of "C" or higher

### Description

The purpose of this course is to introduce students to key concepts of leadership and give an overview of how the science of organizational behavior contributes to effective leaders and managers within the healthcare system and organizations. This course also explores the nature of leadership models and theories and provides a description and analysis of these approaches to leadership, giving special attention to how the models can improve leadership in real-world organizations.

## HCE330 - Health Care Systems in the U.S. I

### General

Subject code	Course Number
HCE	330

Course Title  
Health Care Systems in the U.S. I

### Credit Hours

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
HHP 100 or HCE 100 with a grade of "C" or better

Description  
An introduction to the health care system in the United States including the history, trends, and current operations. Introduction to the concepts of health prevention, social determinants of health, and the roles of government, public health, and private entities on healthcare delivery. Reviews the implications of trends in healthcare including the transition to a quality-based managed care system, integration of information technology on healthcare practices, and mental health issues. Content includes a description of healthcare careers and the laws and ethics that govern health care in America.

## HCE332 - Healthcare Policy and Legislation

### General

Subject code	Course Number
HCE	332

Course Title  
Healthcare Policy and Legislation

### Credit Hours

(Credit Hours) Value:  
3

Semester Offered  
Fall

Prerequisites  
BUA 160 with a grade of "C" or higher

Description  
This course provides an overview of federal/state/local law and policy-making processes that are pertinent to a healthy population, including how the implementation of policies impact the health outcomes of a population.

## HCE361 - Digital Healthcare Technology

### General

Subject code	Course Number
HCE	361

Course Title  
Digital Healthcare Technology

### Credit Hours

(Credit Hours) Value:  
3

Semester Offered  
Fall

Prerequisites  
ENG 101 with a grade of "C" or higher

Description  
This course explores the evolution and practical application of digital technology in health care. The content includes a study of the implementation of electronic health records, artificial intelligence, big data analytics, and clinical decision support systems in health care. It includes an in-depth review of the security and ethical challenges related to the digitalization of health information and reviews the connection between technology, health data, and care management. The course introduces telehealth, precision medicine, and wearable technology and examines how health information technology can be used for patient engagement, public health initiatives, and quality improvement.

## HCE432 - Legal Issues in Health Care

### General

Subject code	Course Number
HCE	432

Course Title  
Legal Issues in Health Care

### Credit Hours

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
BUA 160 and HCE 332 with a grade of "C" or better

Description  
The purpose of this course is to introduce students to legal issues in health care. Basic legal principles underlying the legal system, governmental regulation, development of legal rules, and how to interact effectively with legal systems as a member in the health care team. This course will examine the legal relationship of the individual and the community, and the legal relationship of public health in a market-driven system.

## HCE440 - Health Coaching Concepts and Skills

### General

Subject code	Course Number
HCE	440

Course Title  
Health Coaching Concepts and Skills

### Credit Hours

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
HCE 307 with a grade of "C" or higher.

Description  
This course provides a comprehensive analysis of leadership development and succession planning within healthcare organizations through the exploration of essential coaching, influencing, and mentoring strategies for effective leaders. It includes all underrepresented populations with a focus on gender, race, ethnicity, culture, generation, disability, veteran status, and religion. This course will focus on learning from effective coaches, mentors, and leaders while helping students become more effective coaches, mentors, and leaders.

## HCE471 - Cultural Diversity and Healthcare Delivery

### General

Subject code	Course Number
HCE	471

Course Title  
Cultural Diversity and Healthcare Delivery

### Credit Hours

(Credit Hours) Value:  
3

Semester Offered  
Fall and Spring

Prerequisites  
HCE 100 or HHP 100, HCE 112, and BUA 160 with a grade of "C" or better

Description  
This course explores the significance of the role of culture as a factor defining health and illness within various cultures. It illuminates healthcare practices as they pertain to various traditions and values. It exposes barriers to access, acceptance and utilization of healthcare services based on human differences. The course fosters the development of a broader compassion and empathy through knowledge and awareness.

## HCE490 - Capstone in Health Sciences

### General

Subject code HCE Course Number 490

Course Title  
Capstone in Health Sciences

### Credit Hours

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
Successful completion of all undergraduate degree requirements prior to course enrollment.

Description  
This course is a culminating experience for Health Sciences majors involving a substantive project that demonstrates a synthesis of learning accumulated in the major, including broadly comprehensive knowledge of the discipline and its methodologies. With faculty approval, students will complete a capstone project that aligns with their career goals and participate in a collaborative service-learning experience in a community, ambulatory, home or health care setting. Students will complete a portfolio of their work based on the capstone project that reflects content learned in the core courses of the undergraduate curriculum and revise as needed to create an impressive final portfolio that can be used in a professional setting.

## HHP100 - Personal Health

### General

Subject code HHP Course Number 100

Course Title  
Personal Health

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

General Education Category  
Social and Behavioral Sciences

Semester Offered  
Fall and Spring

Prerequisites  
ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
Students will gain an understanding of health issues critical to their well-being. This includes body functions in health and disease, ways of maintaining and improving one's health, means of preventing disorders, understanding common diseases, and the importance of proper curative measures. Students will identify the historical and present day global health issues and their impact on society politically, socially, economically, and psychologically. Required for HPE majors, Sports Studies majors, and Sports Medicine and Rehabilitative Therapies certificates.

## HHP107 - Personal Training

### General

Subject code HHP Course Number 107

Course Title  
Personal Training

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
2

Semester Offered  
Upon Request

Prerequisites  
HHP 213, HHP 274, and HHP 278 or concurrent enrollment in HHP 213, HHP 274, and HHP 278

Course Fee(s) Yes Fee Amount 600.00

Description  
Students will learn about the essentials to personal fitness training. Students will be introduced to the human movement system, the Optimum Performance Training (OPTM) model and other domains of basic exercise science; assessment; exercise technique and training instruction; program design; client relations and behavioral coaching; and professional development, practice, and responsibility.

## HHP120 - Physical Therapy Tec Skills I

### General

Subject code HHP Course Number 120

Course Title  
Physical Therapy Tec Skills I

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

Semester Offered  
Spring

No Requirements

Description  
This course prepares students to successfully meet clinical competencies for the Physical Therapy Technician Certificate offered by the American Medical Certificate Association (AMCA). Specifically, students will become competent in recognizing and performing patient movement and positioning skills.

## HHP121 - Physical Therapy Tech Skills II

### General

Subject code HHP Course Number 121

Course Title  
Physical Therapy Tech Skills II

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

Semester Offered  
Fall

No Requirements

Description  
This course prepares students to successfully meet clinical competencies for the Physical Therapy Technician Certificate offered by the American Medical Certificate Association (AMCA). Specifically, in the proper use of therapeutic modalities.

## HHP200 - Introduction to Health Advocacy

### General

Subject code HHP Course Number 200

Course Title  
Introduction to Health Advocacy

### Credit Hours

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
HHP 100, ENG 101, and ENG 102

Description  
This course uses historical perspectives, practical steps, and examples to illustrate how community organization and policy work accompanies advocacy to encourage the public to live healthier lifestyles.

### HHP210 - Introduction to Exercise Science and Physical Education

**General**

Subject code HHP Course Number 210

Course Title Introduction to Exercise Science and Physical Education

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
 An introduction to the disciplines and professions associated with exercise science/kinesiology including an overview of how physical activity can be described, explained, and applied as physical activity is observed and experienced.

### HHP270 - Introduction to Sports Medicine

**General**

Subject code HHP Course Number 270

Course Title Introduction to Sports Medicine

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

No Requirements

**Description**  
 Introductory course designed to provide insight into the athletic training profession: emergency care, daily training room procedures, etc.

### HHP213 - Introduction to Strength and Conditioning for Sport Performance

**General**

Subject code HHP Course Number 213

Course Title Introduction to Strength and Conditioning for Sport Performance

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

No Requirements

**Description**  
 Introduction to basic strength and cardiovascular training principles including structures and function of the cardiorespiratory system, the integrated fitness assessment, the importance of core, balance, resistance, plyometric, and speed, agility, and quickness trainings, and causes and symptoms of chronic health conditions.

### HHP274 - Sports Nutrition

**General**

Subject code HHP Course Number 274

Course Title Sports Nutrition

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
 Examination of the relationship between nutrition and the human body. Includes introduction to nutrition, food habits, nutritional components, food selection, nutritional assessment, eating disorders, and using your knowledge.

### HHP214 - Contemporary Sports Management

**General**

Subject code HHP Course Number 214

Course Title Contemporary Sports Management

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

**Prerequisites**  
 ENG 091 or higher with a grade of "C" or higher or reading placement test score as established by District policy

**Description**  
 An introduction to local, national, and international sport, legal issues, and ethics in sport management, and its influence on society and culture. Assess and analyzes the increasing globalization of the sports industry and develops an understanding of the similarities and differences in sport management practices and applications around the world. Includes current trends in sports research and management. Covers the history of the sports industry, terminology, and career opportunities. Identical to BUS 214.

### HHP276 - Sports Psychology

**General**

Subject code HHP Course Number 276

Course Title Sports Psychology

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

No Requirements

**Description**  
 Examination of psychological factors that influence sport performance and coaching behaviors and the psychological effects that sport and exercise involvement have on the participant. Includes an introduction to sport psychology and sport history, psychological principles of behavioral development and control, social psychological dimensions of sport and exercise, personality assessment, the study of special athletic populations, coaching roles and behavior, and exercise psychology.

### HHP278 - Kinetic Anatomy

**General**

Subject code HHP Course Number 278

Course Title Kinetic Anatomy

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
Examination of anatomical factors that will enhance "hands-on" experiences, teach anatomical structures, present common anatomical conditions, and provide basic vocabulary of anatomy.

### HHP294 - Athletic Training Practicum III

**General**

Subject code HHP Course Number 294

Course Title Athletic Training Practicum III

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

**Description**  
To teach and evaluate competencies in acute care of injury, illness, athletic conditions, risk management, injury prevention, therapeutic exercise for rehabilitation, therapeutic modalities, manual therapies and current trends in treating and caring for high level athletes.

### HHP292 - Athletic Training Practicum I

**General**

Subject code HHP Course Number 292

Course Title Athletic Training Practicum I

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

No Requirements

**Description**  
To teach and evaluate competencies in acute care of injury and illness, assessment and evaluation, general medical conditions, health care administration, nutritional aspects of injury and illness, pharmacology, professional development and responsibilities, risk management and injury prevention, therapeutic exercise, and therapeutic modalities.

### HHP295 - Athletic Training Practicum IV

**General**

Subject code HHP Course Number 295

Course Title Athletic Training Practicum IV

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

**Description**  
To teach and evaluate competencies in health care administration, professional development and responsibilities, risk management and injury prevention, and other current topics and trends in health care.

### HHP293 - Athletic Training Practicum II

**General**

Subject code HHP Course Number 293

Course Title Athletic Training Practicum II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

**Description**  
To teach and evaluate competencies in acute care of injury and illness, athletic conditions, risk management, injury prevention, therapeutic exercise for rehabilitation, therapeutic modalities, manual therapies and current trends in treating and caring for high level athletes.

### HHP300 - Exercise Physiology

**General**

Subject code HHP Course Number 300

Course Title Exercise Physiology

**Credit Hours**

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites BIO 202, HHP 270, CHM 138 or higher

**Description**  
This course focuses on the physiology of human movement and exercise as it pertains to the prevention and treatment of disease.

## HHP310 - Biomechanics of Sport and Exercise

### General

Subject code HHP Course Number 310

Course Title  
Biomechanics of Sport and Exercise

### Credit Hours

(Credit Hours) Value:  
3

Semester Offered  
Fall

Prerequisites  
BIO 160 or BIO 201 and BIO 202, HHP 278, PHY 111 or PHY 211

Description  
This course focuses on the study of forces and their effects on living systems. Specifically, sport and exercise biomechanics is the study of forces and their effects on humans in sport and exercise. Students will study two broad applications of sport and exercise biomechanics: performance improvement and injury prevention.

## HIS101 - U.S. History to 1877

### General

Subject code HIS Course Number 101

Course Title  
U.S. History to 1877

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

General Education Category  
Social and Behavioral Sciences, Institutions of the Americas

Semester Offered  
Fall and Spring

Prerequisites  
ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
Colonial America and the United States from pre-Columbian era to 1877. This course of study includes units on discovery, colonization, the formation of the American Union, Constitutional principles, westward expansion, origins of north/south conflict, the Civil War and Reconstruction. Significant economic and social developments are placed in their historical context.

## HIS102 - U.S. History Since 1865

### General

Subject code HIS Course Number 102

Course Title  
U.S. History Since 1865

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

General Education Category  
Social and Behavioral Sciences, Institutions of the Americas

Semester Offered  
Fall and Spring

Prerequisites  
ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
The United States since 1865. This course of study includes units on industrialization, the development of the west, the progressive era, World War I, the depression, World War II, the Cold War and recent American history. Significant economic and social developments are placed in their historical context.

## HIS104 - The Development of Europe to 1650

### General

Subject code HIS Course Number 104

Course Title  
The Development of Europe to 1650

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

General Education Category  
Social and Behavioral Sciences

Semester Offered  
Fall

Prerequisites  
ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
Survey and development of western thought, culture, and political history from ancient times to 1650. This course of study includes the rise of the city in Mesopotamia and Egypt, the rise of Greece and Rome, the Byzantine Empire and the Middle Ages in western Europe, the Renaissance and Reformation, exploration and expansion, and the century of religious warfare.

## HIS105 - Modern Europe Since 1550

### General

Subject code HIS Course Number 105

Course Title  
Modern Europe Since 1550

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

General Education Category  
Social and Behavioral Sciences

Semester Offered  
Spring

Prerequisites  
ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
Survey and development of western thought, culture, and political history from 1550 to present day. This course of study includes the century of religious warfare, the age of Absolutism and Constitutionalism, the Scientific Revolution, the French Revolution, the Industrial Revolution, the rise of the Nation-State, World War I, World War II, the Cold War, and post-Cold War western world and globalism.

## HIS111 - History of China to 1600

### General

Subject code HIS Course Number 111

Course Title  
History of China to 1600

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

General Education Category  
Social and Behavioral Sciences

Semester Offered  
Fall

Prerequisites  
ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
Survey of the development of Chinese culture and society from early man to the Ming Dynasty and European penetration. Students will become familiar with continuity and change in Chinese history, from distinct features of homo erectus fossil finds in China, through the traditional society encountered by European traders in the seventeenth century. Topics will include the physical, climatological, and population characteristics of the region, contacts with surrounding cultures, the cultural, philosophical, and religious justifications for centralized imperial rule, traditional social structure, and social roles from the village level to the imperial court, and dynastic emergence, collapse, and reform. Chinese developments in writing, literature, art, science, and engineering will be reviewed at each historical stage.

## HIS112 - History of China 1600 to Present

### General

Subject code HIS Course Number 112

Course Title History of China 1600 to Present

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Social and Behavioral Sciences

Semester Offered Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
Survey of the development of Chinese culture and society from the period of early European contact under the Ming Dynasty (1577) through modern political and economic developments in China today. Students will become familiar with social and economic traditions of traditional China, the role of central Asian populations in Chinese polity, and the conservative role of traditional Chinese bureaucracy. Pressures created by European contact, trade, technological change, and conflicts on the borders of China will be described along with centralized efforts to control and resist change. Decline of centralized power in the nineteenth century, the Republican/Nationalist revolution, the emergence of the Chinese Communist Party, and the internal and external wars from 1937 to 1949 will be reviewed. Policies and institutions of the Chinese Communist Party from 1949 through the Great Leap Forward and Cultural Revolution will be studied along with economic, political, and military changes in the Post-Mao era.

## HIS221 - Mexican American History and Culture

### General

Subject code HIS Course Number 221

Course Title Mexican American History and Culture

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Social and Behavioral Sciences, Institutions of the Americas

Semester Offered Fall

Prerequisites ENG 101 with a grade of "C" or higher.

Description  
The Mexican-American culture, from a historical, anthropological, and sociological point of view with emphasis upon contemporary conditions and problems is presented. The course surveys Mexican-American people from their origins in Pre-Columbian Mexico to the present in the southwestern United States. It includes settlement patterns, society, and political economy of the Spanish Empire and Mexico in El Norte since the Treaty of Guadalupe Hidalgo.

## HIS298 - Workshop

### General

Subject code HIS Course Number 298

Course Title Workshop

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

Description  
Designed to meet a variety of needs of students in History.

## HIS299 - Independent Study

### General

Subject code HIS Course Number 299

Course Title Independent Study

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

Description  
Design and execution of original projects under faculty supervision.

## HOR225 - PEST/FERT USE&SAFETY

### General

Subject code HOR Course Number 225

Course Title PEST/FERT USE&SAFETY

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

Semester Offered Upon Request

No Requirements

Description  
Covers principles of pest control, pesticides, laws and regulations, pesticide labeling, pesticides and human health, fertilizers, fertilizer application and applicable laws covering fertilizers. An introduction to pesticide and fertilizer equipment and the safety and use standards required when handling pesticides, fertilizers, and the alternatives to pesticide and fertilizer use. Prepares the student for the Applicator License with the State of Arizona Structural Pest Control Commission and the Arizona Department of Agriculture Handler's Card.

## HOR226 - PLANT PROPAGATION

### General

Subject code HOR Course Number 226

Course Title PLANT PROPAGATION

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

Description  
This course explores the fundamental principles and advanced techniques of plant breeding, focusing on the development of clonal, pure-line, hybrid, and synthetic cultivars. Students will examine key topics including plant reproduction, germplasm sourcing, hybridization techniques, mutation breeding, molecular markers, genetic engineering, backcrossing, inbreeding, and recurrent selection. By the end of the course, students will have the expertise to design and implement their own breeding programs.

### HPE101AA - Beginning Baseball I

**General**

Subject code HPE Course Number 101AA

Course Title Beginning Baseball I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description A study of the game of baseball including fundamental techniques, rules, and a brief history of the game.

### HPE101AE - Beginning Varsity Softball I

**General**

Subject code HPE Course Number 101AE

Course Title Beginning Varsity Softball I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description Develop physical fitness and softball skills that may be demonstrated in competition and games. To teach an understanding of the rules of softball and techniques used which include hitting, throwing, catching, and offensive and defensive strategies.

### HPE101AB - Beginning Varsity Baseball I

**General**

Subject code HPE Course Number 101AB

Course Title Beginning Varsity Baseball I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description A study of the game of baseball including fundamental techniques, offensive and defensive strategies, rules, and a brief history of the game. To develop and enhance competitive baseball techniques and skills and to prepare student for competition.

### HPE101AF - Beginning Varsity Volleyball I

**General**

Subject code HPE Course Number 101AF

Course Title Beginning Varsity Volleyball I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description Designed to develop physical fitness and volleyball skills that may be demonstrated in competition and games.

### HPE101AC - Beginning Basketball I

**General**

Subject code HPE Course Number 101AC

Course Title Beginning Basketball I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description This course is designed to teach students the fundamentals of basketball, prepare them to participate in competition and understand the basic offensive and defensive strategies of the game.

### HPE101AG - Beginning Varsity Basketball I

**General**

Subject code HPE Course Number 101AG

Course Title Beginning Varsity Basketball I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description This course is designed to teach students the game of basketball, offensive and defensive strategies of the game of basketball, and to prepare them to participate in competition.

### HPE101AH - Mountain Bike Riding I

**General**

Subject code HPE Course Number 101AH

Course Title Mountain Bike Riding I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

General Education Category AAS Degrees Only

Semester Offered Upon Request

Prerequisites Minimum age 16

Activity Yes

Description This program is designed to educate and improve knowledge of mountain bike riding. This includes knowledge of bike handling and familiarity of local trails.

### HPE101AM - Beginning Varsity Golf I

**General**

Subject code HPE Course Number 101AM

Course Title Beginning Varsity Golf I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Designed to assist college level golfers in furthering their skills and knowledge which will lead to optimum golf performance at the college level.

### HPE101AJ - Beginning Aerobics I

**General**

Subject code HPE Course Number 101AJ

Course Title Beginning Aerobics I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Designed to assist the student in developing overall physical fitness.

### HPE101AN - Beginning Varsity Tennis I

**General**

Subject code HPE Course Number 101AN

Course Title Beginning Varsity Tennis I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Designed to assist college level tennis players in furthering their skills and knowledge which will lead to optimum tennis performance at the college level.

### HPE101AL - Beginning T'ai Chi Ch'uan I

**General**

Subject code HPE Course Number 101AL

Course Title Beginning T'ai Chi Ch'uan I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description An introduction to the ancient Chinese exercise form T'ai Chi Ch'uan, and the oriental philosophies on which it is based.

### HPE101AO - Beginning Physioball I

**General**

Subject code HPE Course Number 101AO

Course Title Beginning Physioball I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description Designed to assist the student in learning basic skills and stability on an exercise physioball.

### HPE101AP - Pilates for Fun and Fitness I

**General**

Subject code HPE Course Number 101AP

Course Title Pilates for Fun and Fitness I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description This course is designed for the student to develop strength, flexibility, and centering by utilizing proper Pilates technique. Also, this course is designed to increase community awareness of various methods for the achievement of wellness and life-long fitness.

### HPE101AZ - Beginning Chi Gong I

**General**

Subject code HPE Course Number 101AZ

Course Title Beginning Chi Gong I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description This course is an introduction to the movement of ancient Chinese Chi Gong and its philosophy and meditation in movement and preventive medicine.

### HPE101AU - Beginning Mixed Martial Arts I

**General**

Subject code HPE Course Number 101AU

Course Title Beginning Mixed Martial Arts I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description Designed to assist the student in learning basic skills and stability through mastery of the mixed martial arts.

### HPE101BA - Beginning Swim Aerobics I

**General**

Subject code HPE Course Number 101BA

Course Title Beginning Swim Aerobics I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Designed to assist the student in developing overall physical fitness.

### HPE101AY - Beginning Hatha Yoga I

**General**

Subject code HPE Course Number 101AY

Course Title Beginning Hatha Yoga I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description This course is designed to give the student an understanding of yoga basics for proper breathing and spinal health. The student will learn elementary steps toward meditation to relax and calm the mind using 20 to 30 basic poses and variations thereof.

### HPE101BB - Beginning Strength and Flexibility Training I

**General**

Subject code HPE Course Number 101BB

Course Title Beginning Strength and Flexibility Training I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description Designed to increase both upper and lower body strength and total flexibility using a combination of resistance training and flexibility training.

### HPE101BC - Beginning Power Walking I

#### General

Subject code HPE Course Number 101BC

Course Title Beginning Power Walking I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description Designed to give students the opportunity to learn warm-up, walk, and cool down using the proper stretching and power walking techniques.

### HPE101G - Beginning Golf I

#### General

Subject code HPE Course Number 101G

Course Title Beginning Golf I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Designed to assist the student in learning the basic skills and knowledge which lead to optimum golfing performance. An additional fee is required.

### HPE101BD - Beginning Softball I

#### General

Subject code HPE Course Number 101BD

Course Title Beginning Softball I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description Designed to teach the fundamentals of the game of softball including rules, hitting, throwing, catching, and fielding.

### HPE101H - Beginning Hiking I

#### General

Subject code HPE Course Number 101H

Course Title Beginning Hiking I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description Designed to assist the student in learning basic skills in the fundamentals of hiking.

### HPE101C - Beginning Body Conditioning I

#### General

Subject code HPE Course Number 101C

Course Title Beginning Body Conditioning I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description Designed to assist the student in developing the basic skills and knowledge in body conditioning.

### HPE101N - Beginning Cheerleading I

#### General

Subject code HPE Course Number 101N

Course Title Beginning Cheerleading I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description This course is designed to teach safety techniques involved in cheerleading including jumps, stunts, pyramids, and tosses. Additional conditioning throughout the athletic seasons for participation at athletic events. Prior cheerleading experience helpful but not necessary.

### HPE101Q - Beginning Swimming I

**General**

Subject code HPE Course Number 101Q

Course Title  
Beginning Swimming I

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
To orient students to water. To learn basic swimming techniques and strokes for lifelong fitness.

### HPE101X - Beginning Volleyball I

**General**

Subject code HPE Course Number 101X

Course Title  
Beginning Volleyball I

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Designed to develop physical fitness and volleyball skills that may be demonstrated in competition and games.

### HPE101SA - Beginning Soccer I

**General**

Subject code HPE Course Number 101SA

Course Title  
Beginning Soccer I

**Credit Hours**

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
A study of the game of soccer including fundamental techniques, rules, and a brief history of the game.

### HPE101Y - Beginning Weights I

**General**

Subject code HPE Course Number 101Y

Course Title  
Beginning Weights I

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Weight lifting class designed to increase body strength using free weights and universal weight equipment. Students will learn basic weight lifting techniques and lifts to target particular muscle groups. Students will also learn a lifetime physical fitness skill to increase their level of fitness.

### HPE101SB - Beginning Varsity Soccer I

**General**

Subject code HPE Course Number 101SB

Course Title  
Beginning Varsity Soccer I

**Credit Hours**

(Credit Hours) Value:  
1

No Requirements

Description  
This course is designed to teach students the game of soccer, offensive and defensive strategies of the game of soccer, and to prepare them to participate in competition.

### HPE102AA - Beginning Baseball II

**General**

Subject code HPE Course Number 102AA

Course Title  
Beginning Baseball II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 101AA

Activity  
Yes

Description  
A study of the game of baseball including fundamental techniques, rules, and a brief history of the game.

### HPE102AB - Beginning Varsity Baseball II

**General**

Subject code HPE Course Number 102AB

Course Title Beginning Varsity Baseball II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

Prerequisites HPE 101AB

Activity Yes

Description A study of the game of baseball including fundamental techniques, offensive and defensive strategies, rules, and a brief history of the game. To develop and enhance competitive baseball techniques and skills and to prepare student for competition.

### HPE102AF - Beginning Varsity Volleyball II

**General**

Subject code HPE Course Number 102AF

Course Title Beginning Varsity Volleyball II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description Designed to develop physical fitness and volleyball skills that may be demonstrated in competition and games.

### HPE102AC - Beginning Basketball II

**General**

Subject code HPE Course Number 102AC

Course Title Beginning Basketball II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description This course is designed to teach students the fundamentals of basketball, prepare them to participate in competition and understand the basic offensive and defensive strategies of the game.

### HPE102AG - Beginning Varsity Basketball II

**General**

Subject code HPE Course Number 102AG

Course Title Beginning Varsity Basketball II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Fall and Spring

Prerequisites HPE 101AG

Activity Yes

Description This course is designed to teach students the game of basketball, offensive and defensive strategies of the game of basketball, and to prepare them to participate in competition.

### HPE102AE - Beginning Varsity Softball II

**General**

Subject code HPE Course Number 102AE

Course Title Beginning Varsity Softball II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

Prerequisites HPE 101AE

Activity Yes

Description Develop physical fitness and softball skills that may be demonstrated in competition and games. To teach an understanding of the rules of softball and techniques used which include hitting, throwing, catching, and offensive and defensive strategies.

### HPE102AJ - Beginning Aerobics II

**General**

Subject code HPE Course Number 102AJ

Course Title Beginning Aerobics II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Fall and Spring

Prerequisites HPE 101AJ

Activity Yes

Description Designed to assist the student in developing overall physical fitness.

### HPE102AL - Beginning T'ai Chi Ch'uan II

**General**

Subject code HPE	Course Number 102AL
Course Title Beginning T'ai Chi Ch'uan II	
<b>Credit Hours</b>	
(Credit Hours) Min: 0	(Credit Hours) Max: 0
(Credit Hours) Value: 1	
General Education Category AAS Degrees Only	
Semester Offered Upon Request	
Prerequisites HPE 101AL or instructor approval	
Activity Yes	
Description An introduction to the Sun Style Competition Forms and Shibashi Level 2 forms of T'ai Chi Ch'uan.	

### HPE102AO - Beginning Physioball II

**General**

Subject code HPE	Course Number 102AO
Course Title Beginning Physioball II	
<b>Credit Hours</b>	
(Credit Hours) Min: 0	(Credit Hours) Max: 0
(Credit Hours) Value: 1	
General Education Category AAS Degrees Only	
Semester Offered Upon Request	
Prerequisites HPE 101AO	
Activity Yes	
Description Designed to assist the student in learning basic skills and stability on an exercise physioball.	

### HPE102AM - Beginning Varsity Golf II

**General**

Subject code HPE	Course Number 102AM
Course Title Beginning Varsity Golf II	
<b>Credit Hours</b>	
(Credit Hours) Min: 0	(Credit Hours) Max: 0
(Credit Hours) Value: 1	
General Education Category AAS Degrees Only	
Semester Offered Fall and Spring	
Prerequisites HPE 101AM	
Activity Yes	
Description Designed to assist college level golfers in furthering their skills and knowledge which will lead to optimum golf performance at the college level.	

### HPE102AP - Pilates for Fun and Fitness II

**General**

Subject code HPE	Course Number 102AP
Course Title Pilates for Fun and Fitness II	
<b>Credit Hours</b>	
(Credit Hours) Min: 0	(Credit Hours) Max: 0
(Credit Hours) Value: 1	
General Education Category AAS Degrees Only	
Semester Offered Upon Request	
Prerequisites HPE 101AP	
Activity Yes	
Description This course is designed for the student to develop strength, flexibility, and centering by utilizing proper Pilates technique. Also, this course is designed to increase community awareness of various methods for the achievement of wellness and life-long fitness.	

### HPE102AN - Beginning Varsity Tennis II

**General**

Subject code HPE	Course Number 102AN
Course Title Beginning Varsity Tennis II	
<b>Credit Hours</b>	
(Credit Hours) Min: 0	(Credit Hours) Max: 0
(Credit Hours) Value: 1	
General Education Category AAS Degrees Only	
Semester Offered Fall and Spring	
Prerequisites HPE 101AN	
Activity Yes	
Description Designed to assist college level tennis players in furthering their skills and knowledge which will lead to optimum tennis performance at the college level.	

### HPE102AY - Beginning Hatha Yoga II

**General**

Subject code HPE	Course Number 102AY
Course Title Beginning Hatha Yoga II	
<b>Credit Hours</b>	
(Credit Hours) Min: 0	(Credit Hours) Max: 0
(Credit Hours) Value: 1	
General Education Category AAS Degrees Only	
Semester Offered Upon Request	
Prerequisites HPE 101AY	
Activity Yes	
Description This course is designed to give the student an understanding of yoga basics for proper breathing and spinal health. The student will learn elementary steps toward meditation to relax and calm the mind using 20 to 30 basic poses and variations thereof.	

### HPE102AZ - Beginning Chi Gong II

**General**

Subject code HPE Course Number 102AZ

Course Title  
Beginning Chi Gong II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
This course is a continuation to the movement of ancient Chinese Chi Gong and its philosophy and meditation in movement and preventive medicine.

### HPE102BC - Beginning Power Walking II

**General**

Subject code HPE Course Number 102BC

Course Title  
Beginning Power Walking II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 101BC

Activity  
Yes

Description  
Designed to give students the opportunity to learn warm-up, walk, and cool down using the proper stretching and power walking techniques.

### HPE102BA - Beginning Swim Aerobics II

**General**

Subject code HPE Course Number 102BA

Course Title  
Beginning Swim Aerobics II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 101BA

Activity  
Yes

Description  
Designed to assist the student in developing overall physical fitness.

### HPE102BD - Beginning Softball II

**General**

Subject code HPE Course Number 102BD

Course Title  
Beginning Softball II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 101BD

Activity  
Yes

Description  
Designed to teach the fundamentals of the game of softball including rules, hitting, throwing, catching, and fielding.

### HPE102BB - Beginning Strength and Flexibility Training II

**General**

Subject code HPE Course Number 102BB

Course Title  
Beginning Strength and Flexibility Training II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 101BB

Activity  
Yes

Description  
Designed to increase both upper and lower body strength and total flexibility using a combination of resistance training and flexibility training.

### HPE102C - Beginning Body Conditioning II

**General**

Subject code HPE Course Number 102C

Course Title  
Beginning Body Conditioning II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 101C

Activity  
Yes

Description  
Designed to assist the student in developing the basic skills and knowledge in body conditioning.

### HPE102G - Beginning Golf II

**General**

Subject code HPE Course Number 102G

Course Title Beginning Golf II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Designed to assist the student in learning the basic skills and knowledge which lead to optimum golfing performance. An additional fee is required.

### HPE102H - Beginning Hiking II

**General**

Subject code HPE Course Number 102H

Course Title Beginning Hiking II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description Designed to assist the student in learning basic skills and stability through participating in longer and more difficult mountain hikes.

### HPE102N - Beginning Cheerleading II

**General**

Subject code HPE Course Number 102N

Course Title Beginning Cheerleading II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

Prerequisites HPE 101N

Activity Yes

Description This course is designed to teach safety techniques involved in cheerleading including jumps, stunts, pyramids, and tosses. Additional conditioning throughout the athletic seasons for participation at athletic events. Prior cheerleading experience helpful but not necessary.

### HPE102Q - Beginning Swimming II

**General**

Subject code HPE Course Number 102Q

Course Title Beginning Swimming II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

Prerequisites HPE 101Q

Activity Yes

Description To orient students to water. To learn basic swimming techniques and strokes for lifelong fitness.

### HPE102SA - Beginning Soccer II

**General**

Subject code HPE Course Number 102SA

Course Title Beginning Soccer II

**Credit Hours**

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description This course is designed to teach students the fundamentals of soccer, prepare them to participate in competition and understand basic offensive and defensive strategies of the game.

### HPE102SB - Beginning Varsity Soccer II

**General**

Subject code HPE Course Number 102SB

Course Title Beginning Varsity Soccer II

**Credit Hours**

(Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description This course is designed to teach students the game of soccer, offensive and defensive strategies of the game of soccer, and to prepare them to participate in competition.

### HPE102X - Beginning Volleyball II

**General**

Subject code HPE Course Number 102X  
 Course Title Beginning Volleyball II  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 General Education Category AAS Degrees Only  
 Semester Offered Upon Request  
 Prerequisites HPE 101X  
 Activity Yes  
 Description Designed to develop physical fitness and volleyball skills that may be demonstrated in competition and games.

### HPE102Y - Beginning Weights II

**General**

Subject code HPE Course Number 102Y  
 Course Title Beginning Weights II  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 General Education Category AAS Degrees Only  
 Semester Offered Upon Request  
 Prerequisites HPE 101Y  
 Activity Yes  
 Description Weight lifting class designed to increase body strength using free weights and universal weight equipment. Students will learn basic weight lifting techniques and lifts to target particular muscle groups. Students will also learn a lifetime physical fitness skill to increase their level of fitness.

### HPE104 - Physical Conditioning and Assessment I

**General**

Subject code HPE Course Number 104  
 Course Title Physical Conditioning and Assessment I  
**Credit Hours**  
 (Credit Hours) Min: 0.5 (Credit Hours) Max: 2  
 (Credit Hours) Value: 1  
 Credit Range 0.5 - 2  
 General Education Category AAS Degrees Only  
 Semester Offered Fall and Spring  

No Requirements

 Activity Yes  
 Description Individualized, computerized 30-minute total body workout program designed to improve cardiovascular efficiency, joint flexibility and muscular strength. This program is designed to reduce resting heart rate, percent of body fat, and will aid in lowering levels of stress and blood pressure.

### HPE105 - Physical Conditioning and Assessment II

**General**

Subject code HPE Course Number 105  
 Course Title Physical Conditioning and Assessment II  
**Credit Hours**  
 (Credit Hours) Min: 0.5 (Credit Hours) Max: 2  
 (Credit Hours) Value: 0.5  
 Credit Range 0.5 - 2  
 General Education Category AAS Degrees Only  
 Semester Offered Fall and Spring  
 Prerequisites HPE 104  
 Activity Yes  
 Description Individualized, computerized 30-minute total body workout program designed to improve cardiovascular efficiency, joint flexibility and muscular strength. This program is designed to reduce resting heart rate, percent of body fat, and will aid in lowering levels of stress and blood pressure.

### HPE170 - Lifeguard Training

**General**

Subject code HPE Course Number 170  
 Course Title Lifeguard Training  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 2  
 General Education Category AAS Degrees Only  
 Semester Offered Upon Request  

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	95.00

 Description The objective of the course is to teach students the skills and knowledge an individual requires to properly assume lifeguarding responsibilities at a swimming pool, waterpark, or a nonsurf water beach.

### HPE190 - First Aid and CPR

**General**

Subject code HPE Course Number 190  
 Course Title First Aid and CPR  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 2  
 Semester Offered Fall and Spring  

No Requirements

 Description This course is focused on basic life support as performed by a health care provider. The content includes patient assessment, airway management, cardiopulmonary resuscitation, shock, bleeding and wounds, body area injuries, poisoning, burns, cold and heat-related emergencies, bone injuries, medical emergencies, emergency childbirth, and first aid skills. Identical to EMT 122 and HCE 101.

### HPE201AA - Advanced Baseball I

**General**

Subject code HPE Course Number 201AA

Course Title  
Advanced Baseball I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 102AA

Activity  
Yes

Description  
A study of the game of baseball including fundamental techniques, rules, and a brief history of the game.

### HPE201AE - Advanced Varsity Softball I

**General**

Subject code HPE Course Number 201AE

Course Title  
Advanced Varsity Softball I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 102AE

Activity  
Yes

Description  
Develop physical fitness and softball skills that may be demonstrated in competition and games. To teach an understanding of the rules of softball and techniques used which include hitting, throwing, catching, and offensive and defensive strategies.

### HPE201AB - Advanced Varsity Baseball I

**General**

Subject code HPE Course Number 201AB

Course Title  
Advanced Varsity Baseball I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 102AB

Activity  
Yes

Description  
A study of the game of baseball including fundamental techniques, offensive and defensive strategies, rules, and a brief history of the game. To develop and enhance competitive baseball techniques and skills and to prepare student for competition.

### HPE201AF - Advanced Varsity Volleyball I

**General**

Subject code HPE Course Number 201AF

Course Title  
Advanced Varsity Volleyball I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Designed to develop physical fitness and volleyball skills that may be demonstrated in competition and games.

### HPE201AC - Advanced Basketball I

**General**

Subject code HPE Course Number 201AC

Course Title  
Advanced Basketball I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
This course is designed to teach students the fundamentals of basketball, prepare them to participate in competition and understand the basic offensive and defensive strategies of the game.

### HPE201AG - Advanced Varsity Basketball I

**General**

Subject code HPE Course Number 201AG

Course Title  
Advanced Varsity Basketball I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
This course is designed to teach students the game of basketball, offensive and defensive strategies of the game of basketball and to prepare them to participate in competition.

### HPE201AJ - Advanced Aerobics I

**General**

Subject code HPE Course Number 201AJ

Course Title  
Advanced Aerobics I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

Prerequisites  
HPE 102AJ

Activity  
Yes

Description  
Designed to assist the student in developing overall physical fitness.

### HPE201AM - Advanced Varsity Golf I

**General**

Subject code HPE Course Number 201AM

Course Title  
Advanced Varsity Golf I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

Prerequisites  
HPE 102AM

Activity  
Yes

Description  
Designed to assist college level golfers in furthering their skills and knowledge which will lead to optimum golf performance at the college level.

### HPE201AN - Advanced Varsity Tennis I

**General**

Subject code HPE Course Number 201AN

Course Title  
Advanced Varsity Tennis I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

Prerequisites  
HPE 102AN

Description  
Designed to assist college level tennis players in furthering their skills and knowledge which will lead to optimum tennis performance at the college level.

### HPE201AY - Advanced Hatha Yoga I

**General**

Subject code HPE Course Number 201AY

Course Title  
Advanced Hatha Yoga I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 102AY

Activity  
Yes

Description  
This course is designed to give the student an understanding of yoga basics for proper breathing and spinal health. The student will learn elementary steps toward meditation to relax and calm the mind using 20 to 30 basic poses and variations thereof.

### HPE201AZ - Advanced Chi Gong I

**General**

Subject code HPE Course Number 201AZ

Course Title  
Advanced Chi Gong I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
This course is a continuation to the movement of ancient Chinese Chi Gong and its philosophy and meditation in movement and preventive medicine.

### HPE201BA - Advanced Swim Aerobics I

**General**

Subject code HPE Course Number 201BA

Course Title  
Advanced Swim Aerobics I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 102BA

Activity  
Yes

Description  
Designed to assist the student in developing overall physical fitness.

### HPE201BB - Advanced Strength and Flexibility Training I

**General**

Subject code HPE Course Number 201BB

Course Title  
Advanced Strength and Flexibility Training I

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Designed to increase both upper and lower body strength and total flexibility using a combination of resistance training and flexibility training.

### HPE201BC - Advanced Power Walking I

**General**

Subject code HPE Course Number 201BC

Course Title  
Advanced Power Walking I

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 102BC

Activity  
Yes

Description  
Designed to give students the opportunity to learn warm-up, walk, and cool down using the proper stretching and power walking techniques.

### HPE201BD - Advanced Softball I

**General**

Subject code HPE Course Number 201BD

Course Title  
Advanced Softball I

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 102BD

Activity  
Yes

Description  
Designed to teach the fundamentals of the game of softball including rules, hitting, throwing, catching, and fielding.

### HPE201C - Advanced Body Conditioning I

**General**

Subject code HPE Course Number 201C

Course Title  
Advanced Body Conditioning I

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 102C

Activity  
Yes

Description  
Designed to assist the student in developing the basic skills and knowledge in body conditioning.

### HPE201G - Advanced Golf I

**General**

Subject code HPE Course Number 201G

Course Title  
Advanced Golf I

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

Prerequisites  
HPE 102G

Activity  
Yes

Description  
Designed to assist the student in learning the basic skills and knowledge which lead to optimum golfing performance. An additional fee is required.

### HPE201N - Advanced Cheerleading I

**General**

Subject code HPE Course Number 201N

Course Title  
Advanced Cheerleading I

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

Prerequisites  
HPE 102N

Activity  
Yes

Description  
This course is designed to teach safety techniques involved in cheerleading including jumps, stunts, pyramids, and tosses. Additional conditioning throughout the athletic seasons for participation at athletic events. Prior cheerleading experience helpful but not necessary.

### HPE201Q - Advanced Swimming I

**General**

Subject code HPE Course Number 201Q

Course Title  
Advanced Swimming I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 102Q

Activity  
Yes

Description  
To learn basic swimming techniques and strokes for lifelong fitness.

### HPE201X - Advanced Volleyball I

**General**

Subject code HPE Course Number 201X

Course Title  
Advanced Volleyball I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 102X

Activity  
Yes

Description  
Designed to develop physical fitness and volleyball skills that may be demonstrated in competition and games.

### HPE201SA - Advanced Soccer I

**General**

Subject code HPE Course Number 201SA

Course Title  
Advanced Soccer I

**Credit Hours**  
(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
This course is designed to teach students the fundamentals of soccer, prepare them to participate in competition and understand basic offensive and defensive strategies of the game.

### HPE201Y - Advanced Weights I

**General**

Subject code HPE Course Number 201Y

Course Title  
Advanced Weights I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 102Y

Activity  
Yes

Description  
Weight lifting class designed to increase body strength using free weights and universal weight equipment. Students will learn basic weight lifting techniques and lifts to target particular muscle groups. Students will also learn a lifetime physical fitness skill to increase their level of fitness.

### HPE201SB - Advanced Varsity Soccer I

**General**

Subject code HPE Course Number 201SB

Course Title  
Advanced Varsity Soccer I

**Credit Hours**  
(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
This course is designed to teach students the game of soccer, offensive and defensive strategies of the game of soccer and to prepare them to participate in competition.

### HPE202AA - Advanced Baseball II

**General**

Subject code HPE Course Number 202AA

Course Title  
Advanced Baseball II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 201AA

Activity  
Yes

Description  
A study of the game of baseball including fundamental techniques, rules, and a brief history of the game.

### HPE202AB - Advanced Varsity Baseball II

**General**

Subject code HPE Course Number 202AB

Course Title  
Advanced Varsity Baseball II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 201AB

Activity  
Yes

Description  
A study of the game of baseball including fundamental techniques, offensive and defensive strategies, rules, and a brief history of the game. To develop and enhance competitive baseball techniques and skills and to prepare student for competition.

### HPE202AF - Advanced Varsity Volleyball II

**General**

Subject code HPE Course Number 202AF

Course Title  
Advanced Varsity Volleyball II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Designed to develop physical fitness and volleyball skills that may be demonstrated in competition and games.

### HPE202AC - Advanced Basketball II

**General**

Subject code HPE Course Number 202AC

Course Title  
Advanced Basketball II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
This course is designed to teach students the fundamentals of basketball, prepare them to participate in competition and understand the basic offensive and defensive strategies of the game.

### HPE202AG - Advanced Varsity Basketball II

**General**

Subject code HPE Course Number 202AG

Course Title  
Advanced Varsity Basketball II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
This course is designed to teach students the game of basketball, offensive and defensive strategies of the game of basketball and to prepare them to participate in competition.

### HPE202AE - Advanced Varsity Softball II

**General**

Subject code HPE Course Number 202AE

Course Title  
Advanced Varsity Softball II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 201AE

Activity  
Yes

Description  
Develop physical fitness and softball skills that may be demonstrated in competition and games. To teach an understanding of the rules of softball and techniques used which include hitting, throwing, catching, and offensive and defensive strategies.

### HPE202AJ - Advanced Aerobics II

**General**

Subject code HPE Course Number 202AJ

Course Title  
Advanced Aerobics II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Designed to assist the student in developing overall physical fitness.

### HPE202AM - Advanced Varsity Golf II

**General**

Subject code HPE Course Number 202AM

Course Title  
Advanced Varsity Golf II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

Prerequisites  
HPE 201AM

Activity  
Yes

Description  
Designed to assist college level golfers in furthering their skills and knowledge which will lead to optimum golf performance at the college level.

### HPE202AZ - Advanced Chi Gong II

**General**

Subject code HPE Course Number 202AZ

Course Title  
Advanced Chi Gong II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
This course is a continuation to the movement of ancient Chinese Chi Gong and its philosophy and meditation in movement and preventive medicine.

### HPE202AN - Advanced Varsity Tennis II

**General**

Subject code HPE Course Number 202AN

Course Title  
Advanced Varsity Tennis II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

Prerequisites  
HPE 201AN

Description  
Designed to assist college level tennis players in furthering their skills and knowledge which will lead to optimum tennis performance at the college level.

### HPE202BA - Advanced Swim Aerobics II

**General**

Subject code HPE Course Number 202BA

Course Title  
Advanced Swim Aerobics II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

Prerequisites  
HPE 201BA

Activity  
Yes

Description  
Designed to assist the student in developing overall physical fitness.

### HPE202AY - Advanced Hatha Yoga II

**General**

Subject code HPE Course Number 202AY

Course Title  
Advanced Hatha Yoga II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 201AY

Activity  
Yes

Description  
This course is designed to give the student an understanding of yoga basics for proper breathing and spinal health. The student will learn elementary steps toward meditation to relax and calm the mind using 20 to 30 basic poses and variations thereof.

### HPE202BB - Advanced Strength and Flexibility Training II

**General**

Subject code HPE Course Number 202BB

Course Title  
Advanced Strength and Flexibility Training II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 201BB

Activity  
Yes

Description  
Designed to increase both upper and lower body strength and total flexibility using a combination of resistance training and flexibility training.

### HPE202BC - Advanced Power Walking II

**General**

Subject code HPE Course Number 202BC

Course Title  
Advanced Power Walking II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 201BC

Activity  
Yes

Description  
Designed to give students the opportunity to learn warm-up, walk, and cool down using the proper stretching and power walking techniques.

### HPE202G - Advanced Golf II

**General**

Subject code HPE Course Number 202G

Course Title  
Advanced Golf II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

Prerequisites  
HPE 201G

Activity  
Yes

Description  
Designed to assist the student in learning the basic skills and knowledge which lead to optimum golfing performance. An additional fee is required.

### HPE202BD - Advanced Softball II

**General**

Subject code HPE Course Number 202BD

Course Title  
Advanced Softball II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 201BD

Activity  
Yes

Description  
Designed to teach the fundamentals of the game of softball including rules, hitting, throwing, catching, and fielding.

### HPE202N - Advanced Cheerleading II

**General**

Subject code HPE Course Number 202N

Course Title  
Advanced Cheerleading II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 201N

Activity  
Yes

Description  
This course is designed to teach safety techniques involved in cheerleading including jumps, stunts, pyramids, and tosses. Additional conditioning throughout the athletic seasons for participation at athletic events. Prior cheerleading experience helpful but not necessary.

### HPE202C - Advanced Body Conditioning II

**General**

Subject code HPE Course Number 202C

Course Title  
Advanced Body Conditioning II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Designed to assist the student in developing the basic skills and knowledge in body conditioning.

### HPE202Q - Advanced Swimming II

**General**

Subject code HPE Course Number 202Q

Course Title  
Advanced Swimming II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0  
(Credit Hours) Value: 1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
To learn basic swimming techniques and strokes for lifelong fitness.

### HPE202SA - Advanced Soccer II

**General**

Subject code HPE Course Number 202SA

Course Title  
Advanced Soccer II

**Credit Hours**

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
This course is designed to teach students the fundamentals of soccer, prepare them to participate in competition and understand basic offensive and defensive strategies of the game.

### HPE202SB - Advanced Varsity Soccer II

**General**

Subject code HPE Course Number 202SB

Course Title  
Advanced Varsity Soccer II

**Credit Hours**

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

Prerequisites  
HPE 201SB

Activity  
Yes

Description  
This course is designed to teach students the game of soccer, offensive and defensive strategies of the game of soccer and to prepare them to participate in competition.

### HPE202X - Advanced Volleyball II

**General**

Subject code HPE Course Number 202X

Course Title  
Advanced Volleyball II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

Prerequisites  
HPE 201X

Activity  
Yes

Description  
Designed to develop physical fitness and volleyball skills that may be demonstrated in competition and games.

### HPE202Y - Advanced Weights II

**General**

Subject code HPE Course Number 202Y

Course Title  
Advanced Weights II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

General Education Category  
AAS Degrees Only

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Weight lifting class designed to increase body strength using free weights and universal weight equipment. Students will learn basic weight lifting techniques and lifts to target particular muscle groups. Students will also learn a lifetime physical fitness skill to increase their level of fitness.

### HPE204 - Physical Conditioning and Assessment III

**General**

Subject code HPE Course Number 204

Course Title  
Physical Conditioning and Assessment III

**Credit Hours**

(Credit Hours) Min: 0.5 (Credit Hours) Max: 2

(Credit Hours) Value:  
0.5

Credit Range  
0.5 - 2

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

Prerequisites  
HPE 105

Activity  
Yes

Description  
Individualized, computerized 30-minute total body workout program designed to improve cardiovascular efficiency, joint flexibility and muscular strength. This program is designed to reduce resting heart rate, percent of body fat, and will aid in lowering levels of stress and blood pressure.

### HPE205 - Physical Conditioning and Assessment IV

**General**

Subject code HPE Course Number 205

Course Title Physical Conditioning and Assessment IV

**Credit Hours**  
 (Credit Hours) Min: 0.5 (Credit Hours) Max: 2  
 (Credit Hours) Value: 0.5  
 Credit Range 0.5 - 2

General Education Category AAS Degrees Only

Semester Offered Fall and Spring

Prerequisites HPE 204

Activity Yes

Description Individualized, computerized 30-minute total body workout program designed to improve cardiovascular efficiency, joint flexibility and muscular strength. This program is designed to reduce resting heart rate, percent of body fat, and will aid in lowering levels of stress and blood pressure.

### HPE260 - Principles of Officiating

**General**

Subject code HPE Course Number 260

Course Title Principles of Officiating

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 2

General Education Category AAS Degrees Only

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Student will gain basic rule knowledge and skills for officiating. The sports and rules covered will include (but not be limited to) football, volleyball, soccer, wrestling, basketball, baseball, and softball as well as intramural sports such as ultimate frisbee, kickball, flag football, beach volleyball, tennis, dodgeball, etc. This class will use National Federation of High Schools rules for application in youth sports, middle school and high school organized sporting events and EAC Intramurals. Students will be placed in officiating programs and mentored to help improve skills and abilities as an official.

### HPE262A - Officiating: Volleyball

**General**

Subject code HPE Course Number 262A

Course Title Officiating: Volleyball

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description Rules and mechanics of officiating; training for prospective officials.

### HPE262B - Officiating: Basketball

**General**

Subject code HPE Course Number 262B

Course Title Officiating: Basketball

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity Yes

Description Rules and mechanics of officiating; training for prospective officials.

### HPE262C - Officiating: Baseball/Softball

**General**

Subject code HPE Course Number 262C

Course Title Officiating: Baseball/Softball

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity Yes

Description Rules and mechanics of officiating; training for prospective officials.

### HPE280 - Introduction to Leadership III

**General**

Subject code HPE Course Number 280

Course Title Introduction to Leadership III

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

General Education Category AAS Degrees Only

Semester Offered Upon Request

No Requirements

Activity Yes

Description An introduction to leadership skills including an overview of basic principles as well as assessment and implementation strategies.

### HPE298 - Workshop

**General**

Subject code HPE Course Number 298  
 Course Title Workshop  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range 1 - 3

No Requirements

Description  
 Designed to meet a variety of needs for students in Health and Physical Education.

### HPE299 - Independent Study

**General**

Subject code HPE Course Number 299  
 Course Title Independent Study  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1  
 Credit Range 1 - 3

No Requirements

Description  
 Design and execution of original projects under faculty supervision.

### HVA101 - Principles of HVACR

**General**

Subject code HVA Course Number 101  
 Course Title Principles of HVACR  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered Upon Request

No Requirements

Description  
 This course gives a history of HVAC-R development. Students learn the relationship between pressure and temperature, and heat transfer and become familiar with different types of HVAC-R units.

### HVA103 - HVACR Controls

**General**

Subject code HVA Course Number 103  
 Course Title HVACR Controls  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered Fall

Prerequisites  
 HVA 101 and HVA 110, or concurrent enrollment in HVA 101 and HVA 110, or Instructor approval.

Description  
 This course teaches about the different controls that enable the HVAC-R units to operate as designed. The knowledge gained will provide the student with a greater understanding of HVAC-R controls. This will enable the student to work on and repair all major types of HVAC-R units.

### HVA105 - Heating System Basics

**General**

Subject code HVA Course Number 105  
 Course Title Heating System Basics  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered Upon Request

No Requirements

Description  
 This course teaches the different types of heating units used in all applications of the HVAC industry. The knowledge will enable the student to be able to work on and repair all major brands of heating units and will enable the student to maintain a well paid career.

### HVA109 - Troubleshooting HVACR Systems

**General**

Subject code HVA Course Number 109  
 Course Title Troubleshooting HVACR Systems  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3  
 Semester Offered Upon Request

Prerequisites  
 HVA 101, HVA 110, HVA 103, and HVA 105 or concurrent enrollment in HVA 105 or instructor approval

Description  
 This course teaches the students the techniques required for servicing and repairing all forms of HVAC systems. The student will become familiar with being able to determine what is wrong in a given circumstance by evaluating what is wrong with information the student has learned. This knowledge will also enable the student to maintain a well paying career.

## HVA110 - Electricity for HVACR

### General

Subject code HVA Course Number 110

Course Title Electricity for HVACR

### Credit Hours

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 3

Credit Range 1 - 3

Semester Offered Fall

Prerequisites HVA 101, or concurrent enrollment in HVA 101, or instructor approval

Description This course is designed for the application of concepts to the real world of HVAC-R. The course is designed with detailed electrical procedures, basic electrical concepts, reading of circuits and meters, identification of components, symbols and wiring diagrams used in air conditioning control systems, installation of contacts, relays, and overloads as well as troubleshooting applicable to the field of HVAC-R technology.

## HVA115 - EPA Certification

### General

Subject code HVA Course Number 115

Course Title EPA Certification

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Description Upon successful completion of this course, students will be eligible to take the nationally recognized EPA Universal certification that will allow the individual to perform system evacuations of various cooling gases in the field of refrigeration technology.

## HVA201 - Advanced HVACR Commercial Air Conditioning

### General

Subject code HVA Course Number 201

Course Title Advanced HVACR Commercial Air Conditioning

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

Prerequisites HVA 115 or instructor approval

Description This course develops a basic knowledge of commercial air conditioning. It helps students understand commercial package units, as well as the role of fresh air mixing, variable air volume, and variable refrigerant flow.

## HVA203 - Refrigeration and Heat Exchange Components

### General

Subject code HVA Course Number 203

Course Title Refrigeration and Heat Exchange Components

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

Prerequisites HVA 115 or instructor approval

Description This course develops a thorough knowledge of the refrigeration system, its heat exchange components and applies it to the commercial arena.

## HVA205 - Refrigeration Flow and Flow Devices

### General

Subject code HVA Course Number 205

Course Title Refrigeration Flow and Flow Devices

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

Prerequisites HVA 115 or instructor approval

Description This course will assist a student in understanding the manner in which refrigerant flows and the devices that help in the operation of the unit.

## HVA207 - Commercial Refrigeration Applications

### General

Subject code HVA Course Number 207

Course Title Commercial Refrigeration Applications

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

Prerequisites HVA 201, HVA 203, and HVA 205 or instructor approval.

Description This course explores the different methods of commercial refrigeration systems, identifies the various types of commercial refrigeration units and their applications, and differentiates between standard and special refrigeration applications.

### HVA209 - Commercial Ice Makers

**General**

Subject code HVA Course Number 209

Course Title Commercial Ice Makers

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

Prerequisites HVA 201, HVA 203, HVA 205, and HVA 207 or concurrent enrollment in HVA 207 or instructor approval

Description  
 This course will make students aware of commercial ice maker assembly, the various application of ice makers in commercial industry, the potential maintenance issues that may arise with ice making equipment and the process to diagnose and repair these problem areas.

### HVA211 - Commercial Refrigeration Troubleshooting

**General**

Subject code HVA Course Number 211

Course Title Commercial Refrigeration Troubleshooting

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

Prerequisites HVA 201, HVA 203, HVA 205, HVA 207, and HVA 209 or concurrent enrollment in HVA 207 and HVA 209 or instructor approval.

Description  
 This course prepares the student to participate in the diagnosis, repair, and troubleshooting of refrigeration systems in commercial environments.

### HVA297 - Workshop

**General**

Subject code HVA Course Number 297

Course Title Workshop

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 6

(Credit Hours) Value: 1

Credit Range 1 - 6

Semester Offered Upon Request

No Requirements

Description  
 Designed to meet a variety of needs for students in an HVAC program.

### IAR101 - Woodworking

**General**

Subject code IAR Course Number 101

Course Title Woodworking

**Credit Hours**  
 (Credit Hours) Min: 2 (Credit Hours) Max: 3

(Credit Hours) Value: 2

Credit Range 2 - 3

Semester Offered Fall and Spring

No Requirements

Activity  
 Yes

Description  
 History of wood technology, use of tools, safety, construction principles, introduction to wood finishes and other wood processes. Students will be charged for some supplies.

### IAR110 - Upholstery

**General**

Subject code IAR Course Number 110

Course Title Upholstery

**Credit Hours**  
 (Credit Hours) Min: 2 (Credit Hours) Max: 3

(Credit Hours) Value: 2

Credit Range 2 - 3

Semester Offered Upon Request

No Requirements

Activity  
 Yes

Description  
 The course includes construction practices in frames and bases, use of hand and power tools and the selection of finishes, fabrics, and materials, and instruction in processes used in upholstery. Prior sewing experience is helpful but not required.

### IAR112 - Advanced Upholstery

**General**

Subject code IAR Course Number 112

Course Title Advanced Upholstery

**Credit Hours**  
 (Credit Hours) Min: 2 (Credit Hours) Max: 3

(Credit Hours) Value: 2

Credit Range 2 - 3

Semester Offered Upon Request

Prerequisites IAR 110

Activity  
 Yes

Description  
 The course includes advanced study of upholstery processes, covering selection of finishes, fabrics and materials and technical solutions to problems in advanced practices.

### IAR120 - Machine Woodworking

**General**

Subject code IAR Course Number 120

Course Title Machine Woodworking

**Credit Hours**

(Credit Hours) Min: 2 (Credit Hours) Max: 3

(Credit Hours) Value: 2

Credit Range 2 - 3

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Use of power tools, industrial applications, proper structural relationships, and strength of wood construction. Students will be charged for some supplies.

### IAR297 - Workshop

**General**

Subject code IAR Course Number 297

Course Title Workshop

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 6

(Credit Hours) Value: 1

Credit Range 1 - 6

Semester Offered Upon Request

No Requirements

Activity Yes

Description A course designed to meet a variety of needs for students in Industrial Arts.

### IAR298 - Workshop

**General**

Subject code IAR Course Number 298

Course Title Workshop

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

Description A course designed to meet a variety of needs for students in Industrial Arts.

### IAR299 - Independent Study

**General**

Subject code IAR Course Number 299

Course Title Independent Study

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

Description Design and execution of original projects under faculty supervision.

### IPT110 - Industrial Shop Practices

**General**

Subject code IPT Course Number 110

Course Title Industrial Shop Practices

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

Description Provides instruction in basic skills needed to work in industrial repair and maintenance shops, emphasizing safe and efficient use of hand and power tools, fine measurement, tool maintenance, and sharpening.

### IPT120 - Industrial Pump Maintenance and Repair

**General**

Subject code IPT Course Number 120

Course Title Industrial Pump Maintenance and Repair

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

Description This course covers various types of pumps and their associated piping systems as applied in industrial settings.

### IPT130 - Industrial Valve Maintenance and Repair

**General**

Subject code IPT Course Number 130

Course Title Industrial Valve Maintenance and Repair

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
 This course covers various types of valves and their associated piping systems as applied in industrial settings.

### IPT160 - Machinery Maintenance and Troubleshooting

**General**

Subject code IPT Course Number 160

Course Title Machinery Maintenance and Troubleshooting

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

**Prerequisites**  
 IPT 140 with a grade of "C" or higher or concurrent enrollment in IPT 140

**Description**  
 This course teaches systematic methods of identifying causes of mechanical failure and using predictive methods to prevent mechanical failure.

### IPT140 - Bulk Materials Handling

**General**

Subject code IPT Course Number 140

Course Title Bulk Materials Handling

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

No Requirements

**Description**  
 This course covers the safe operation, maintenance, and repair of industrial materials handling machinery, including conveyors, feed and discharge devices, screens, and crushers.

### IPT260 - Advanced Machinery Maintenance and Troubleshooting

**General**

Subject code IPT Course Number 260

Course Title Advanced Machinery Maintenance and Troubleshooting

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

Semester Offered Fall

**Prerequisites**  
 IPT 160

**Description**  
 This course teaches systematic methods of identifying causes of mechanical failure. Course teaches predictive methods to prevent mechanical failure and skills needed to implement and perform preventative maintenance on industrial machinery. Course also covers electrical safety and theory which is geared to plant maintenance personnel.

### IPT150 - Industrial Plant Hydraulics

**General**

Subject code IPT Course Number 150

Course Title Industrial Plant Hydraulics

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Spring

**Prerequisites**  
 TEC 112 with a grade of "C" or higher

**Description**  
 This course reviews fluid mechanics in an industrial setting, as applied to the operation, maintenance, and repair of specific industrial equipment.

### LAN090 - Interactive Languages Lab

**General**

Subject code LAN Course Number 090

Course Title Interactive Languages Lab

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

**Description**  
 This course emphasizes listening comprehension, sentence structure, vocabulary, and pronunciation using the Rosetta Stone software to study one of the following languages: Arabic, Chinese (Mandarin), Dutch, English, Filipino (Tagalog), French, German, Greek, Hebrew, Hindi, Italian, Irish, Japanese, Korean, Latin, Persian (Farsi), Polish, Portuguese, Russian, Spanish, Swedish, Turkish and Vietnamese.

### MAT055 - Basic Math

**General**

Subject code MAT	Course Number 055
Course Title Basic Math	

**Credit Hours**

(Credit Hours) Min: 0	(Credit Hours) Max: 0
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(Credit Hours) Value:  
4

Semester Offered  
Fall and Spring

No Requirements
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**Description**

A basic course in mathematics. Topics include operations with whole numbers, integers, fractions, and decimal numbers, ratio, proportion, and percent. Additional topics include U.S. customary and metric measurement systems, and geometry.

### MAT100 - Applied Mathematics

**General**

Subject code MAT	Course Number 100
Course Title Applied Mathematics	

**Credit Hours**

(Credit Hours) Min: 0	(Credit Hours) Max: 0
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(Credit Hours) Value:  
4

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

No Requirements
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**Description**

A survey of mathematical concepts including operations with numbers and fundamental algebraic operations, measurement, geometry, right-triangle trigonometry, and statistical measures.

### MAT111 - Elementary Algebra

**General**

Subject code MAT	Course Number 111
Course Title Elementary Algebra	

**Credit Hours**

(Credit Hours) Value:  
4

Semester Offered  
Fall and Spring

**Prerequisites**  
Placement test score as established by District policy

**Description**

An introduction to Algebra. Topics include algebraic expressions, linear equations and inequalities, graphing, exponents, polynomials, factoring, and systems of equations.

### MAT121 - Intermediate Algebra

**General**

Subject code MAT	Course Number 121
Course Title Intermediate Algebra	

**Credit Hours**

(Credit Hours) Value:  
4

General Education Category  
AAS Degrees Only

Semester Offered  
Fall and Spring

**Prerequisites**  
MAT 111 with a grade of "C" or higher or placement test score as established by District policy

**Description**

A continuation of Elementary Algebra. Topics include functions, inequalities, equations, systems of equations, polynomials, and rational expressions and functions.

### MAT140 - College Mathematics

**General**

Subject code MAT	Course Number 140	SUN Number MAT 1142
Course Title College Mathematics		

**Credit Hours**

(Credit Hours) Min: 0	(Credit Hours) Max: 0
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(Credit Hours) Value:  
3

General Education Category  
Quantitative Reasoning

Semester Offered  
Fall and Spring

**Prerequisites**  
MAT 111 or higher with a grade of "C" or higher, or BUS 111 with a grade of "C" or higher, or placement test score as established by District policy and ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy.

**Description**

Applications of mathematics to real life situations. Quantitative methods including probability, statistics, algebra, and exponential functions will be used to analyze concepts and applications from business, social sciences, the physical sciences, and the mathematics of finance. Optional topics may include linear programming, geometry, logic, graph theory, voting theory, and apportionment. Recommend completion of at least two years of high school algebra. Appropriate for students whose major does not require any Calculus.

### MAT151 - Precalculus Algebra

**General**

Subject code MAT	Course Number 151	SUN Number MAT 1151
Course Title Precalculus Algebra		

**Credit Hours**

(Credit Hours) Value:  
4

General Education Category  
Quantitative Reasoning

Semester Offered  
Fall and Spring

**Prerequisites**  
MAT 121 with a grade of "C" or higher or placement test score as established by District policy and ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

**Description**

A first course to prepare students for calculus. Topics include functions, graphs, equations, exponentials, logarithms, matrices, and conic sections. Optional topics may include sequences and series.



### MAT225 - Elementary Linear Algebra

**General**

Subject code Course Number  
MAT 225

Course Title  
Elementary Linear Algebra

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
3

Semester Offered  
Fall

Prerequisites  
MAT 210 or higher with a grade of "C" or higher

Description  
Introduction to vector spaces, linear transformations, matrices, determinants, eigenvalues and eigenvectors, and solutions of linear systems of equations.

### MAT231 - Calculus II

**General**

Subject code Course Number SUN Number  
MAT 231 MAT 2230

Course Title  
Calculus II

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
4

General Education Category  
Quantitative Reasoning

Semester Offered  
Fall and Spring

Prerequisites  
MAT 221 with a grade of "C" or higher

Description  
Continuation of MAT 221. Transcendental functions, techniques of integration, parametric equations, improper integrals, numerical methods, infinite series, conics, and polar coordinates.

### MAT241 - Calculus III

**General**

Subject code Course Number SUN Number  
MAT 241 MAT 2241

Course Title  
Calculus III

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
0 0

(Credit Hours) Value:  
4

General Education Category  
Quantitative Reasoning

Semester Offered  
Spring

Prerequisites  
MAT 231 with a grade of "C" or higher

Description  
Continuation of MAT 231. Vectors, geometry, differentiation, and integration in Euclidean n-space. Line and surface integrals. Theorems of Green, Gauss, and Stokes.

### MAT261 - Differential Equations

**General**

Subject code Course Number SUN Number  
MAT 261 MAT 2262

Course Title  
Differential Equations

**Credit Hours**  
(Credit Hours) Value:  
4

General Education Category  
Quantitative Reasoning

Semester Offered  
Spring

Prerequisites  
MAT 231 with a grade of "C" or higher and ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
Basic concepts, ordinary differential equations of first order, higher order linear equations, variation of parameters, undetermined coefficients. Systems of equations, series solutions and Laplace transform methods. The course includes six MatLab assignments.

### MAT298 - Workshop

**General**

Subject code Course Number  
MAT 298

Course Title  
Workshop

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
1 3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

No Requirements

Description  
Designed to meet a variety of needs of students in Mathematics.

### MAT299 - Independent Study

**General**

Subject code Course Number  
MAT 299

Course Title  
Independent Study

**Credit Hours**  
(Credit Hours) Min: (Credit Hours) Max:  
1 3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

No Requirements

Description  
Design and execution of original projects under faculty supervision.

### MDC100 - Introduction to Film Studies

**General**

Subject code MDC Course Number 100

Course Title Introduction to Film Studies

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Arts and Humanities

Semester Offered Fall and Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description This course is an introduction to film analysis that examines critical approaches of authorship, genre, presentation, and narrative. Students will become literate in the language of cinema and learn basic film concepts, techniques, and terminology in an effort to appreciate films more completely. The course examines how films are shot, tell stories, develop characters, and depict physical reality through the combined, constructed medium of sound and image.

### MDC109 - Media Production Process

**General**

Subject code MDC Course Number 109

Course Title Media Production Process

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity Yes

Description This course offers instruction in the use of low cost alternatives to develop highly engaging media presentations. Projects will be developed using the personal computer and low-cost editing software, cameras, and recorders. Students are encouraged to bring in their equipment to better learn how to use what they already have available.

### MDC102 - Introduction to Media Communications

**General**

Subject code MDC Course Number 102

Course Title Introduction to Media Communications

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Social and Behavioral Sciences

Semester Offered Fall and Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description This course covers laws, regulations, ethics, politics, social diversity, economics, and the globalization issues related to mass media communications. The focus of this course is to develop an understanding of current and past applications, methods, styles and techniques of each medium used in mass media communication. Examines the roles of books, newspapers, magazines, radio, television, motion pictures, advertising, and social media play in influencing individuals within society. Develops each individual's understanding related to how various media affect society in the digital age.

### MDC115 - Cinematic Storytelling

**General**

Subject code MDC Course Number 115

Course Title Cinematic Storytelling

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Arts and Humanities

Semester Offered Upon Request

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description This course introduces students to the world of cinematic storytelling by exploring the nature, structure, and function of storytelling in film and society. Students will analyze how elements such as plot, character, setting, and narrative techniques effect the meaning and impact of a film. By learning the proper structure and components of a story, students will be able to understand, create, and appreciate film narrative.

### MDC108 - Video Editing for Family History

**General**

Subject code MDC Course Number 108

Course Title Video Editing for Family History

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

No Requirements

Description An introductory course in video production for the individual who wants to document family history and other personal events. Participants capture home videos and scan photographs or slides to a computer so they can preserve and share these moments with their families. They create a DVD of their completed projects. This course is taught on the PC platform. Identical to GEN 108.

### MDC150 - Video Production

**General**

Subject code MDC Course Number 150

Course Title Video Production

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

Description An overview of the principles and beginning techniques of video production.

### MDC162 - Audio Recording Techniques for Voice Actors

**General**

Subject code MDC Course Number 162

Course Title Audio Recording Techniques for Voice Actors

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

**Description**  
 This course offers instruction in the basic functions, operation, and use of audio mixers and associated equipment for audio recording for voice actors. Training includes recording techniques, voice acting skills, and audio editing. Special topics cover interpreting novels, usage rights, and employment opportunities.

### MDC168 - Audio for Studio and Sound Reinforcement

**General**

Subject code MDC Course Number 168

Course Title Audio for Studio and Sound Reinforcement

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

**Description**  
 This course offers instruction in the concepts and functions of studio microphones, audio mixers, sound systems, consoles, amplifiers, speakers, and processors. Focus is on studio recording and sound reinforcement for live venues. Special topics cover audio aesthetics, usage rights, and employment opportunities.

### MDC180 - Video Editing I

**General**

Subject code MDC Course Number 180

Course Title Video Editing I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

**Description**  
 Course work covers current techniques in non-linear video editing. Students will become familiar with use of computer based editing concepts common to the video editing industry. Students will learn basic editing techniques. Students will do research comparisons on equipment and software available for video editing.

### MDC200 - Film History

**General**

Subject code MDC Course Number 200

Course Title Film History

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Arts and Humanities

Semester Offered Fall and Spring

**Prerequisites**  
 ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

**Description**  
 This course explores the film industry within the context of its historical, social, economic, and artistic influence. Students will examine the aesthetic and commercial interests of cinema and its historical development from the 1890s to the contemporary period. Students will study the technology, the industrial structures, the personnel, and the films that have marked the evolution of film from silent shorts, world cinema, and through the rise and fall of the Hollywood studio system, to the period of conglomeration and convergence that currently defines the industry.

### MDC212 - Writing the Screenplay

**General**

Subject code MDC Course Number 212

Course Title Writing the Screenplay

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

**Prerequisites**  
 MDC 115 and ENG 100 or higher with a grade of "C" or higher, or writing placement test score as established by District policy, or instructor approval

**Description**  
 The emphasis of this course is on telling a visual story. Students are expected to develop and write a short screenplay. This course is a key component for success in other media production classes.

### MDC220 - Principles of Filmmaking

**General**

Subject code MDC Course Number 220

Course Title Principles of Filmmaking

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Arts and Humanities

Semester Offered Fall

**Prerequisites**  
 ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

**Description**  
 This course is designed to introduce students to the world of film production, guiding them through each step of the film production process. This course covers the important roles and responsibilities required throughout the entire filmmaking process. Students explore the five key disciplines of filmmaking: directing, cinematography, producing, production design, and post-production. The student will learn the importance of each phase of creating a motion picture, starting with the idea, and progressing to the completion of a short film. Students are provided with the knowledge, skills, and experience to film and produce a short film.

### MDC250 - Documentary Video Production

**General**

Subject code MDC Course Number 250

Course Title Documentary Video Production

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

**Description**  
 Instruction in documentary video production for television, educational media, and corporate communications. The principles, standards, press rights, and ethics for documentary video production are covered. Students learn the process of producing, shooting, interviewing, and sound recording for video documentaries. Skills include pre-production planning, scheduling, location details, shot lists, and scripting for non-fiction video. Styles/ techniques focus on different approaches to documentary production by PBS, BBC, National Geographic, and theatrical infotainment. Special topics cover document story structure, aesthetics, usage rights, ethics, libel, and press laws.

### MDC254 - Cinema Style Video Production

**General**

Subject code MDC Course Number 254

Course Title Cinema Style Video Production

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

**Description**  
 This course offers instruction in digital cinema video production and the specialized cameras, lighting, and grip equipment used in cinematic filmmaking. Students learn the art and technique of visual and narrative storytelling. Training covers cinematic shooting styles using natural and available light plus traditional artificial lighting. Fundamental elements focus on the basics of filmmaking: producing, research, story development, directing, cinematography, sound recording, and post-production editing. Special topics explore different cinema genres, structure, aesthetics, and the vision of the director. Special topics are location operations, safety and proper securing of video equipment and cables.

### MDC252 - Sports Production I

**General**

Subject code MDC Course Number 252

Course Title Sports Production I

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

**Description**  
 This course offers instruction in the functions, operation, and use of HD broadcast digital cameras, and associated equipment for live sports video production. Students learn the process of producing, directing, and special camera operations for Sports Video Production. Students produce EAC sports promos, player highlights, and team profiles that are incorporated into the live webcasts.

### MDC280 - Video Editing II

**General**

Subject code MDC Course Number 280

Course Title Video Editing II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

**Prerequisites**  
 MDC 180 with a grade of "C" or higher or instructor approval

**Description**  
 Continuation of MDC 180. This course covers current techniques in non-linear video editing. Students will become familiar with concepts of video trimming, staying in sync, editing in the timeline, changing audio levels, and visual effects. This course will also focus on developing the student's understanding of the multiple methods a video editor uses to enhance the script's intent and the final project outcome.

### MDC253 - Sports Production II

**General**

Subject code MDC Course Number 253

Course Title Sports Production II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

**Description**  
 This course offers instruction in the functions, operation, and use of HD broadcast digital cameras, and associated equipment for live sports video production. Students learn the process of producing, directing, and special camera operations for Sports Video Production. Students produce EAC sports promos, player highlights, and team profiles that are incorporated into the live webcasts.

### MDC290 - Media Communications Capstone Project

**General**

Subject code MDC Course Number 290

Course Title Media Communications Capstone Project

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Spring

**Prerequisites**  
 MDC 150 and MDC 180 with a grade "C" or higher, or instructor approval

**Description**  
 This course requires students to apply concepts and methods from multiple courses, such as screenwriting, documentary production, cinema production, and post production. Students will be responsible for a semester length project.

### MDC297 - Workshop

**General**

Subject code MDC Course Number 297

Course Title Workshop

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 6

(Credit Hours) Value: 1

Credit Range 1 - 6

No Requirements

Description  
Designed to meet a variety of needs for students in the Media Communications program.

### MIN297 - Workshop

**General**

Subject code MIN Course Number 297

Course Title Workshop

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

Description  
Designed to meet a variety of needs of students in Mining and Industrial Technology.

### MIN299 - Independent Study

**General**

Subject code MIN Course Number 299

Course Title Independent Study

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

Description  
Design and execution of original projects under faculty supervision.

### MSP297 - Workshop

**General**

Subject code MSP Course Number 297

Course Title Workshop

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 6

(Credit Hours) Value: 1

Credit Range 1 - 6

Semester Offered Upon Request

No Requirements

Activity  
Yes

Description  
Designed to meet a variety of needs for students in Machine Shop.

### MSP298 - Workshop

**General**

Subject code MSP Course Number 298

Course Title Workshop

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity  
Yes

Description  
Designed to meet a variety of needs for students in Machine Shop.

### MSP299 - Independent Study

**General**

Subject code MSP Course Number 299

Course Title Independent Study

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 4

(Credit Hours) Value: 1

Credit Range 1 - 4

Semester Offered Upon Request

No Requirements

Activity  
Yes

Description  
Research, design and execution of original projects under faculty supervision.

### MUS011 - Private Voice I for NonMusic Majors

**General**

Subject code MUS Course Number 011

Course Title Private Voice I for NonMusic Majors

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

Description Private instruction in voice. A private lesson course fee is required.

### MUS014 - Private Strings I for NonMusic Majors

**General**

Subject code MUS Course Number 014

Course Title Private Strings I for NonMusic Majors

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

Description Private instruction in stringed instruments: violin, viola, violoncello, and contrabass. A private lesson course fee is required.

### MUS012 - Private Piano I for NonMusic Majors

**General**

Subject code MUS Course Number 012

Course Title Private Piano I for NonMusic Majors

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00 - 1 Credit 440.00 - 2 Credit

Description Study of basic principles of keyboard playing to include acquaintance with a variety of solo literature from representative musical eras and appropriate technical exercises as needed. The student will perform, analyze, build technical skills, and learn appropriate repertoire for their level of ability. A private lesson course fee is required.

### MUS016 - Private Organ

**General**

Subject code MUS Course Number 016

Course Title Private Organ

**Credit Hours**  
 (Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

Description Private instruction in organ. Students should have basic piano skills prior to registering for the course. Participants will also be required to purchase their own literature/repertoire for study. A private lesson course fee is required.

### MUS013 - Private Instruments I for NonMusic Majors

**General**

Subject code MUS Course Number 013

Course Title Private Instruments I for NonMusic Majors

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

Description Private instruction in band and orchestral instruments: flute, oboe, clarinet, bassoon, horn, saxophone, trumpet, trombone, tuba, baritone, guitar and percussion. Instruction is given on levels of skill determined by the instructor. Numbers for this instruction begin with the sub-collegiate level, 013, and range upward for four complete semesters of private study. (One 30-minute lesson per week earns one hour credit). Participation in semester recital is required. A private lesson course fee is required.

### MUS101 - World of Music

**General**

Subject code MUS Course Number 101

Course Title World of Music

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Arts and Humanities

Semester Offered Fall and Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description World of Music is a course designed to enrich and progress the student's enjoyment and understanding of music. During this course, students will be exposed to different musical styles, genres, musical eras, music history, world music, and basic musical components. Students will also have the opportunity to attend performances, listen to musical masterpieces from recorded live concerts, and discuss their educated feelings as trained listeners.

## MUS102 - Music Fundamentals

### General

Subject code MUS Course Number 102

Course Title Music Fundamentals

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Provides the non-music major with a background in music symbols and notation sufficient to begin work in musical learning. May also introduce some music theory.

## MUS105 - Music Theory I

### General

Subject code MUS Course Number 105

Course Title Music Theory I

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

Prerequisites MUS 107 or concurrent enrollment in MUS 107

Description Basic theory needed for development of musicianship and musical understanding; scales, keys, rhythm, triads, part-writing, cadences, dominant sevenths, secondary dominants, and simple modulations.

## MUS106 - Music Theory II

### General

Subject code MUS Course Number 106

Course Title Music Theory II

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites MUS 105 with a grade of "C" or higher and prior or concurrent enrollment in MUS 108 required

Description Continuation of MUS 105.

## MUS107 - Aural Perception I

### General

Subject code MUS Course Number 107

Course Title Aural Perception I

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall

Prerequisites Prior or concurrent enrollment in MUS 105 required

Description Sight singing, ear training, and keyboard harmony.

## MUS108 - Aural Perception II

### General

Subject code MUS Course Number 108

Course Title Aural Perception II

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Spring

Prerequisites Prior or concurrent enrollment in MUS 106 and MUS 107 required

Description Continuation of MUS 107.

## MUS111 - Marching Band I

### General

Subject code MUS Course Number 111

Course Title Marching Band I

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Fall

No Requirements

Activity Yes

Description Teaches basic marching fundamentals. Performs for evening shows, parades, and reviews music and techniques appropriate to various marching styles. Provides pep band music for the basketball season.

### MUS111B - Marching Percussion I

**General**

Subject code MUS Course Number 111B  
 Course Title Marching Percussion I  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 Semester Offered Fall

No Requirements

Activity Yes  
 Description Study and preparation of percussion music for the marching band. Class is separate from marching band and is required for percussion students from the pit and the battery.

### MUS118 - Class Instruction in Brass II

**General**

Subject code MUS Course Number 118  
 Course Title Class Instruction in Brass II  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 Semester Offered Fall

No Requirements

Activity Yes  
 Description Includes skills of teaching brass at the elementary level. Lower brass instruments with emphasis on trombone, baritone, and tuba.

### MUS113 - Community Jazz Band

**General**

Subject code MUS Course Number 113  
 Course Title Community Jazz Band  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 1  
 (Credit Hours) Value: 1  
 Credit Range 1  
 Semester Offered Fall and Spring

No Requirements

Activity Yes  
 Description Open-enrollment instrumental jazz ensemble. Instruction for community members and students seeking continued band participation and instruction. Participants study and perform a wide range of literature encompassing various jazz and popular music styles. Additionally, students build performance skills through rehearsals and the semester-end performance.

### MUS119 - Class Instruction in Woodwinds I

**General**

Subject code MUS Course Number 119  
 Course Title Class Instruction in Woodwinds I  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 Semester Offered Spring

No Requirements

Activity Yes  
 Description Includes skills in teaching woodwinds at the elementary level. Single reed instruments with emphasis on flute, clarinet, and saxophone.

### MUS120 - Class Instruction in Woodwinds II

**General**

Subject code MUS Course Number 120  
 Course Title Class Instruction in Woodwinds II  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 Semester Offered Spring

No Requirements

Activity Yes  
 Description Includes skills in teaching woodwinds at the elementary level. Covers double reed instruments with emphasis on oboe and bassoon.

### MUS117 - Class Instruction in Brass I

**General**

Subject code MUS Course Number 117  
 Course Title Class Instruction in Brass I  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 Semester Offered Fall

No Requirements

Activity Yes  
 Description Elementary group instruction required of instrumental music majors. Includes skills of teaching brass at the elementary level. Upper brass instruments with emphasis on trumpet and French horn.

### MUS121 - Class Instruction in Percussion I

**General**

Subject code MUS Course Number 121  
 Course Title Class Instruction in Percussion I  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 Semester Offered Spring

No Requirements

Activity Yes  
 Description Includes skills in teaching percussion at the elementary level. Percussion instruments with emphasis on standard percussion.

### MUS125 - Jazz Ensemble I

**General**

Subject code MUS Course Number 125  
 Course Title Jazz Ensemble I  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 Semester Offered Fall and Spring

No Requirements

Activity Yes  
 Description Studies and performs a wide range of popular and jazz literature to develop musicianship. Auditions will be held.

### MUS123 - Class Instruction in Strings I

**General**

Subject code MUS Course Number 123  
 Course Title Class Instruction in Strings I  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Includes skills of teaching strings on elementary level. Upper stringed instruments with emphasis on violin and viola.

### MUS126 - Jazz Ensemble II

**General**

Subject code MUS Course Number 126  
 Course Title Jazz Ensemble II  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 Semester Offered Fall and Spring

No Requirements

Activity Yes  
 Description Continuation of MUS 125. Auditions will be held.

### MUS124 - Class Instruction in Strings II

**General**

Subject code MUS Course Number 124  
 Course Title Class Instruction in Strings II  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Includes skills of teaching strings on elementary level. Lower stringed instruments with emphasis on cello and bass.

### MUS127 - TenorBass Choir I

**General**

Subject code MUS Course Number 127  
 Course Title TenorBass Choir I  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 Semester Offered Fall and Spring

No Requirements

Activity Yes  
 Description Resonus. A tenor-bass voice ensemble that explores and performs accompanied and a cappella choral literature of all musical periods. An ensemble that focuses on building vocal and musical skill, for beginning, intermediate, and advanced singers. Focus on literature for Fall Sing, Festival of Carols, Handel's Messiah, and Spring Sing concerts along with other outreach events.

### MUS128 - TenorBass Choir II

#### General

Subject code MUS Course Number 128

Course Title TenorBass Choir II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of MUS 127.

### MUS129 - SopranoAlto Choir I

#### General

Subject code MUS Course Number 129

Course Title SopranoAlto Choir I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Soprano-Alto Choir is an all-female vocal group that performs many facets of music that are both accompanied and a cappella. Along with rehearsals, Soprano-Alto Choir performs at Fall and Spring Sing, Festival of Carols, and tours during the spring semester.

### MUS130 - SopranoAlto Choir II

#### General

Subject code MUS Course Number 130

Course Title SopranoAlto Choir II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Soprano-Alto Choir is an all-female vocal group that performs many facets of music that are both accompanied and a cappella. Along with rehearsals, Soprano-Alto Choir performs at Fall and Spring Sing, Festival of Carols, and tours during the spring semester.

### MUS133 - Symphonic Choir I

#### General

Subject code MUS Course Number 133

Course Title Symphonic Choir I

**Credit Hours**  
 (Credit Hours) Min: 0.5 (Credit Hours) Max: 1

(Credit Hours) Value: 0.5

Credit Range 0.5 - 1

Semester Offered Upon Request

No Requirements

Activity Yes

Description Mixed choral ensemble that explores and performs accompanied and a cappella literature of all musical periods. Focus on literature for semester-end and masterworks concerts. This course does not fulfill large ensemble credit for students majoring or minoring in music. Enrollment open to all interested individuals.

### MUS134 - Symphonic Choir II

#### General

Subject code MUS Course Number 134

Course Title Symphonic Choir II

**Credit Hours**  
 (Credit Hours) Min: 0.5 (Credit Hours) Max: 1

(Credit Hours) Value: 0.5

Credit Range 0.5 - 1

Semester Offered Upon Request

No Requirements

Activity Yes

Description Continuation of MUS 133.

### MUS135 - Vocal Show Ensemble I

#### General

Subject code MUS Course Number 135

Course Title Vocal Show Ensemble I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description EACompany. A mixed-voice show choir that studies performance technique and repertoire of theatrical (staged) styles of accompanied and a cappella vocal music. Study focuses on choreographed performance in musical theatre styles, including contemporary popular, rock, and jazz genres. Prepares for participation and performance in Fall Sing and Spring Sing concerts. Admittance by audition and director permission.

### MUS136 - A Cappella Choir I

**General**

Subject code MUS Course Number 136

Course Title  
A Cappella Choir I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
2

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
Mixed choral ensemble that explores and performs accompanied and a cappella choral literature of all musical periods. This is the College's flagship vocal ensemble – a touring choir that acts as a musical ambassador to represent the college and surrounding community. Focus on literature for Fall Sing, Festival of Carols, Handel's Messiah, masterwork, and Spring Sing concerts along with tours and other outreach events. Admittance by audition and director permission.

### MUS137 - A Cappella Choir II

**General**

Subject code MUS Course Number 137

Course Title  
A Cappella Choir II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
2

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
Continuation of MUS 136. Admittance by audition and director permission.

### MUS139 - Vocal Show Ensemble II

**General**

Subject code MUS Course Number 139

Course Title  
Vocal Show Ensemble II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
Continuation of MUS 135. EACompany. A mixed-voice show choir that studies performance technique and repertoire of theatrical (staged) styles of accompanied and a cappella vocal music. Study focuses on choreographed performance in musical theatre styles, including contemporary popular, rock, and jazz genres. Prepares for participation and performance in Fall Sing and Spring Sing concerts. Admittance by audition and director permission.

### MUS140 - Chamber Ensemble I

**General**

Subject code MUS Course Number 140

Course Title  
Chamber Ensemble I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
Study and performance of a wide variety of chamber music repertoire with weekly coaching sessions of string quartets and trios, with piano and in other combinations with other instruments. Auditions will be held.

### MUS141 - Chamber Ensemble II

**General**

Subject code MUS Course Number 141

Course Title  
Chamber Ensemble II

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
Continuation of MUS 140. Auditions will be held.

### MUS142 - Wind Ensemble I

**General**

Subject code MUS Course Number 142

Course Title  
Wind Ensemble I

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
2

Semester Offered  
Spring

No Requirements

Activity  
Yes

Description  
Open for membership without audition to students from any major field of study as well as faculty and community members. This ensemble is also an outstanding forum for music majors to refine skills on primary or secondary instruments. Required for instrumental music majors.

### MUS143 - Wind Ensemble II

**General**

Subject code MUS Course Number 143  
 Course Title Wind Ensemble II  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 2  
 Semester Offered Spring

No Requirements

Activity Yes  
 Description Continuation of MUS 142.

### MUS153 - Beginning Guitar

**General**

Subject code MUS Course Number 153  
 Course Title Beginning Guitar  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 2  
 Semester Offered Upon Request

No Requirements

Activity Yes  
 Description Covers the history, style, and development of playing skill on the guitar.

### MUS151 - Symphony Orchestra I

**General**

Subject code MUS Course Number 151  
 Course Title Symphony Orchestra I  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 Semester Offered Fall and Spring

No Requirements

Activity Yes  
 Description Studies and performs a wide selection of symphonic literature. Orchestra prepares concerts for public performances and provides accompaniment for music performances. Auditions will be held.

### MUS155 - Class Piano I for Music Majors

**General**

Subject code MUS Course Number 155  
 Course Title Class Piano I for Music Majors  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 Semester Offered Fall

No Requirements

Activity Yes  
 Description Fundamentals of the piano and piano playing for the music major. This class will aid you with your development as a professional musician and help focus skills as a beginner pianist.

### MUS152 - Symphony Orchestra II

**General**

Subject code MUS Course Number 152  
 Course Title Symphony Orchestra II  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 Semester Offered Fall and Spring

No Requirements

Activity Yes  
 Description Continuation of MUS 151. Auditions will be held.

### MUS156 - Class Piano II for Music Majors

**General**

Subject code MUS Course Number 156  
 Course Title Class Piano II for Music Majors  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1  
 Semester Offered Fall and Spring

Prerequisites MUS 155 with a grade of "C" or higher or instructor approval

Activity Yes  
 Description Fundamentals of the piano and piano playing for the music major. This class will aid you with your development as a professional musician and help focus skills as a beginner pianist.

### MUS157 - Chamber Orchestra I

**General**

Subject code MUS Course Number 157

Course Title Chamber Orchestra I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description This course is dedicated to providing musical and educational opportunity to study and perform a wide selection of chamber or small orchestra literature. This orchestra prepares concerts for public performances and provides accompaniment for musical theatre performances.

### MUS158 - Chamber Orchestra II

**General**

Subject code MUS Course Number 158

Course Title Chamber Orchestra II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of MUS 157.

### MUS161 - Private Voice II

**General**

Subject code MUS Course Number 161

Course Title Private Voice II

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value: 1

Credit Range 1 - 2

Semester Offered Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

Description For students majoring or minoring in music. Private instruction in proper singing techniques and study of vocal literature from the English, French, German, Italian, and other language repertoire. A private lesson course fee is required.

### MUS162 - Private Voice III

**General**

Subject code MUS Course Number 162

Course Title Private Voice III

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

Prerequisites MUS 161

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

Description Continuation of MUS 161. A private lesson course fee is required.

### MUS163 - Jazz Theory and Improvisation I

**General**

Subject code MUS Course Number 163

Course Title Jazz Theory and Improvisation I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Description Jazz Theory and Improvisation serves as an essential tool to music majors in the professional world. During this course, majors will learn the techniques of jazz soloing, extended harmony, and basic jazz composing techniques. Specifically, the study of blues scales and ii / V / I progressions are included within the curriculum. The student will synthesize basic jazz scales into effective jazz solos. Students must play an instrument.

### MUS165 - Class Piano for NonMusic Majors

**General**

Subject code MUS Course Number 165

Course Title Class Piano for NonMusic Majors

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Fundamentals of the piano and piano playing for the non-music major. This class will help you with your professional development as a beginning musician, personal enjoyment, and musical gain.

### MUS171 - Private Piano II

**General**

Subject code MUS Course Number 171

Course Title Private Piano II

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

**Description**  
 Study of basic principles of keyboard playing to include acquaintance with a variety of solo literature from representative musical eras and appropriate technical exercises as needed. The student will perform, analyze, build technical skills, and learn appropriate repertoire for their level of ability. A private lesson course fee is required.

### MUS172 - Private Piano III

**General**

Subject code MUS Course Number 172

Course Title Private Piano III

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

**Description**  
 Study of basic principles of keyboard playing to include acquaintance with a variety of solo literature from representative musical eras and appropriate technical exercises as needed. The student will perform, analyze, build technical skills, and learn appropriate repertoire for their level of ability. A private lesson course fee is required.

### MUS176 - Introduction to Music Education

**General**

Subject code MUS Course Number 176

Course Title Introduction to Music Education

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Fall

No Requirements

**Description**  
 An introduction to the profession of music education and the role and function of music education and music teachers. Course discussions and activities cover the historical and philosophical foundations of music education, current trends in teaching, and personal preparation for service in the career. This course is open to all individuals interested in learning more about the profession. This course is required for advancement in the baccalaureate music education program.

### MUS181 - Private Instruments II

**General**

Subject code MUS Course Number 181

Course Title Private Instruments II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

**Description**  
 Private instruction in band and orchestral instruments: flute, oboe, clarinet, bassoon, horn, saxophone, trumpet, trombone, tuba, baritone, guitar, and percussion. A private lesson course fee is required.

### MUS182 - Private Instruments III

**General**

Subject code MUS Course Number 182

Course Title Private Instruments III

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

**Description**  
 Continuation of MUS 181. A private lesson course fee is required.

### MUS183 - Private Strings II

**General**

Subject code MUS Course Number 183

Course Title Private Strings II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

**Description**  
 Private instruction in stringed instruments: violin, viola, violoncello, and contrabass. All private instruction is given on levels of skill determined by the instructor. Numbers for this instruction begin with the sub-collegiate level, MUS 014 and range upward to four complete semesters of private study. (One lesson per week earns one hour credit.) Participation in semester recitals and/or juries required. A private lesson course fee is required.

### MUS184 - Private Strings III

**General**

Subject code MUS Course Number 184

Course Title Private Strings III

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

**Description**  
 Continuation of MUS 183. Private instruction in stringed instruments: violin, viola, violoncello, and contrabass. All private instruction is given on levels of skill determined by the instructor. Numbers for this instruction begin with the sub-collegiate level, MUS 014 and range upward to four complete semesters of private study. (One lesson per week earns one hour credit.) Participation in semester recitals and/or juries required. A private lesson course fee is required.

### MUS190 - Vocal Jazz Ensemble I

**General**

Subject code MUS Course Number 190

Course Title Vocal Jazz Ensemble I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

**Description**  
 A mixed-voice (SATB) vocal ensemble that studies performance technique and repertoire of accompanied and a cappella vocal music. Study focuses on performance in popular vocal music styles of the 20th and 21st centuries including barbershop, contemporary commercial music, contemporary a cappella, popular, rock, and jazz genres. Study for some styles includes choreography and other coordinated physical ensemble movement. A small touring ensemble that acts as a musical ambassador to represent the college and surrounding community. Prepares for participation and performance in Fall Sing, Festival of Carols, and Spring Sing concerts as well as department and program tours in addition to several college events and outreach/civic performance opportunities. Admittance by audition and director permission.

### MUS191 - Vocal Jazz Ensemble II

**General**

Subject code MUS Course Number 191

Course Title Vocal Jazz Ensemble II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

**Description**  
 Continuation of MUS 190. Admittance by audition and director permission

### MUS203 - Music Notation/Finale

**General**

Subject code MUS Course Number 203

Course Title Music Notation/Finale

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

No Requirements

Activity Yes

**Description**  
 This course covers the basic techniques of using Finale, a professional-level computer music notation program. Basic knowledge of music theory and computer literacy are recommended.

### MUS204 - Elements of Conducting

**General**

Subject code MUS Course Number 204

Course Title Elements of Conducting

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Spring

No Requirements

**Description**  
 Fundamental conducting and rehearsal techniques for choral and instrumental conductors.

### MUS205 - Music Theory III

**General**

Subject code MUS Course Number 205 SUN Number MUS 2222

Course Title Music Theory III

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

**Prerequisites**  
 MUS 106, MUS 108, and concurrent enrollment in MUS 212 required

**Description**  
 Diatonic and chromatic composition and analysis of 16th, 17th, and 18th century techniques.

### MUS206 - Music Theory IV

**General**

Subject code MUS Course Number 206 SUN Number MUS 2223

Course Title Music Theory IV

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3

Semester Offered Spring

Prerequisites MUS 205, MUS 212 and concurrent enrollment in MUS 213 required

Description Continuation of MUS 205.

### MUS212 - Aural Perception III

**General**

Subject code MUS Course Number 212

Course Title Aural Perception III

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

Semester Offered Fall

Prerequisites Prior or concurrent enrollment in MUS 205 and MUS 108 required

Description Continuation of MUS 108.

### MUS211 - Marching Band II

**General**

Subject code MUS Course Number 211

Course Title Marching Band II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 2

Semester Offered Fall

Prerequisites MUS 111

Activity Yes

Description Teaches basic marching fundamentals. Performs for evening shows, parades, and reviews music and techniques appropriate to various marching styles. Provides pep band music for the basketball season.

### MUS213 - Aural Perception IV

**General**

Subject code MUS Course Number 213

Course Title Aural Perception IV

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

Semester Offered Spring

Prerequisites Prior or concurrent enrollment in MUS 206 and MUS 212 required

Description Continuation of MUS 212.

### MUS211B - Marching Percussion II

**General**

Subject code MUS Course Number 211B

Course Title Marching Percussion II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

Semester Offered Fall

No Requirements

Activity Yes

Description Study and preparation of percussion music for the marching band. Class is separate from marching band and is required for percussion students from the pit and the battery.

### MUS214 - Marching Band III

**General**

Subject code MUS Course Number 214

Course Title Marching Band III

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 2

Semester Offered Fall

Prerequisites MUS 211

Activity Yes

Description Teaches basic marching fundamentals. Performs for evening shows, parades, and reviews music and techniques appropriate to various marching styles. Provides pep band music for the basketball season.

### MUS217 - Marching Band IV

**General**

Subject code MUS Course Number 217

Course Title  
Marching Band IV

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
2

Semester Offered  
Fall

Prerequisites  
MUS 214

Activity  
Yes

Description  
Teaches basic marching fundamentals. Performs for evening shows, parades, and reviews music and techniques appropriate to various marching styles. Provides pep band music for the basketball season.

### MUS225 - Jazz Ensemble III

**General**

Subject code MUS Course Number 225

Course Title  
Jazz Ensemble III

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
Continuation of MUS 126. Studies and performs a wide range of popular and jazz literature to develop musicianship. Auditions will be held.

### MUS226 - Jazz Ensemble IV

**General**

Subject code MUS Course Number 226

Course Title  
Jazz Ensemble IV

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
Continuation of MUS 225. Auditions will be held.

### MUS227 - TenorBass Choir III

**General**

Subject code MUS Course Number 227

Course Title  
TenorBass Choir III

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
Continuation of MUS 128. Resonus. A tenor-bass voice ensemble that explores and performs accompanied and a cappella choral literature of all musical periods. An ensemble that focuses on building vocal and musical skill, for beginning, intermediate, and advanced singers. Focus on literature for Fall Sing, Festival of Carols, Handel's Messiah, and Spring Sing concerts along with other outreach events.

### MUS228 - TenorBass Choir IV

**General**

Subject code MUS Course Number 228

Course Title  
TenorBass Choir IV

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
Continuation of MUS 227.

### MUS229 - SopranoAlto Choir III

**General**

Subject code MUS Course Number 229

Course Title  
SopranoAlto Choir III

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
Soprano-Alto Choir is an all-female vocal group that performs many facets of music that are both accompanied and a cappella. Along with rehearsals, Soprano-Alto Choir performs at Fall and Spring Sing, Festival of Carols, and tours during the spring semester.

### MUS230 - SopranoAlto Choir IV

**General**

Subject code MUS Course Number 230

Course Title SopranoAlto Choir IV

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Soprano-Alto Choir is an all-female vocal group that performs many facets of music that are both accompanied and a cappella. Along with rehearsals, Soprano-Alto Choir performs at Fall and Spring Sing, Festival of Carols, and tours during the spring semester.

### MUS233 - Symphonic Choir III

**General**

Subject code MUS Course Number 233

Course Title Symphonic Choir III

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity Yes

Description Continuation of MUS 134. Mixed choral ensemble that explores and performs accompanied and a cappella literature of all musical periods. Focus on literature for semester-end and masterworks concerts. This course does not fulfill large ensemble credit for students majoring or minoring in music. Enrollment open to all interested individuals.

### MUS234 - Symphonic Choir IV

**General**

Subject code MUS Course Number 234

Course Title Symphonic Choir IV

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

Activity Yes

Description Continuation of MUS 233.

### MUS235 - Vocal Show Ensemble III

**General**

Subject code MUS Course Number 235

Course Title Vocal Show Ensemble III

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of MUS 139. EACompany. A mixed-voice show choir that studies performance technique and repertoire of theatrical (staged) styles of accompanied and a cappella vocal music. Study focuses on choreographed performance in musical theatre styles, including contemporary popular, rock, and jazz genres. Prepares for participation and performance in Fall Sing and Spring Sing concerts. Admittance by audition and director permission.

### MUS236 - A Cappella Choir III

**General**

Subject code MUS Course Number 236

Course Title A Cappella Choir III

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of MUS 137. Mixed choral ensemble that explores and performs accompanied and a cappella choral literature of all musical periods. This is the College's flagship vocal ensemble - a touring choir that acts as a musical ambassador to represent the college and surrounding community. Focus on literature for Fall Sing, Festival of Carols, Handel's Messiah, masterwork, and Spring Sing concerts along with tours and other outreach events. Admittance by audition and director permission.

### MUS237 - A Cappella Choir IV

**General**

Subject code MUS Course Number 237

Course Title A Cappella Choir IV

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of MUS 236. Admittance by audition and director permission.

### MUS239 - Vocal Show Ensemble IV

**General**

Subject code MUS Course Number 239

Course Title  
Vocal Show Ensemble IV

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
Continuation of MUS 235. EACompany. A mixed-voice show choir that studies performance technique and repertoire of theatrical (staged) styles of accompanied and a cappella vocal music. Study focuses on choreographed performance in musical theatre styles, including contemporary popular, rock, and jazz genres. Prepares for participation and performance in Fall Sing and Spring Sing concerts. Admittance by audition and director permission.

### MUS242 - Wind Ensemble III

**General**

Subject code MUS Course Number 242

Course Title  
Wind Ensemble III

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
2

Semester Offered  
Spring

No Requirements

Activity  
Yes

Description  
Continuation of MUS 143. Open for membership without audition to students from any major field of study as well as faculty and community members. This ensemble is also an outstanding forum for music majors to refine skills on primary or secondary instruments. Required for instrumental music majors.

### MUS240 - Chamber Ensemble III

**General**

Subject code MUS Course Number 240

Course Title  
Chamber Ensemble III

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
Continuation of MUS 141. Auditions will be held.

### MUS243 - Wind Ensemble IV

**General**

Subject code MUS Course Number 243

Course Title  
Wind Ensemble IV

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
2

Semester Offered  
Spring

No Requirements

Activity  
Yes

Description  
Continuation of MUS 242.

### MUS241 - Chamber Ensemble IV

**General**

Subject code MUS Course Number 241

Course Title  
Chamber Ensemble IV

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
Continuation of MUS 240. Auditions will be held.

### MUS251 - Symphony Orchestra III

**General**

Subject code MUS Course Number 251

Course Title  
Symphony Orchestra III

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

Semester Offered  
Fall and Spring

No Requirements

Activity  
Yes

Description  
Continuation of MUS 152. Studies and performs a wide selection of symphonic literature. Orchestra prepares concerts for public performances and provides accompaniment for music performances. Auditions will be held.

### MUS252 - Symphony Orchestra IV

**General**

Subject code MUS Course Number 252

Course Title Symphony Orchestra IV

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes  
 Description Continuation of MUS 251. Auditions will be held.

### MUS257 - Chamber Orchestra III

**General**

Subject code MUS Course Number 257

Course Title Chamber Orchestra III

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes  
 Description Continuation of MUS 158.

### MUS255 - Class Piano III for Music Majors

**General**

Subject code MUS Course Number 255

Course Title Class Piano III for Music Majors

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

Prerequisites MUS 156 with a grade of "C" or higher or instructor approval

Activity Yes  
 Description Fundamentals of the piano and piano playing for the music major. This class will aid you with your development as a professional musician and help focus skills as a beginner pianist.

### MUS258 - Chamber Orchestra IV

**General**

Subject code MUS Course Number 258

Course Title Chamber Orchestra IV

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes  
 Description Continuation of MUS 257.

### MUS256 - Class Piano IV for Music Majors

**General**

Subject code MUS Course Number 256

Course Title Class Piano IV for Music Majors

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

Prerequisites MUS 255 with a grade of "C" or higher or instructor approval

Activity Yes  
 Description Fundamentals of the piano and piano playing for the music major. This class will aid you with your development as a professional musician and help focus skills as a beginner pianist.

### MUS261 - Private Voice IV

**General**

Subject code MUS Course Number 261

Course Title Private Voice IV

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value: 1

Credit Range 1 - 2

Semester Offered Upon Request

Prerequisites MUS 162

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

Description Continuation of MUS 162. For students majoring or minoring in music. Private instruction in proper singing techniques and study of vocal literature from the English, French, German, Italian, and other language repertoire. A private lesson course fee is required.

### MUS262 - Private Voice V

**General**

Subject code MUS Course Number 262  
 Course Title Private Voice V  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 2  
 (Credit Hours) Value: 1  
 Credit Range 1 - 2  
 Semester Offered Upon Request  
 Prerequisites MUS 261  
 Activity Course Fee(s) Fee Amount  
 Yes Yes 385.00  
 Description  
 Continuation of MUS 261. A private lesson course fee is required.

### MUS271 - Private Piano IV

**General**

Subject code MUS Course Number 271  
 Course Title Private Piano IV  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 2  
 (Credit Hours) Value: 1  
 Semester Offered Upon Request  

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

 Description  
 Study of basic principles of keyboard playing to include acquaintance with a variety of solo literature from representative musical eras and appropriate technical exercises as needed. The student will perform, analyze, build technical skills, and learn appropriate repertoire for their level of ability. A private lesson course fee is required.

### MUS272 - Private Piano V

**General**

Subject code MUS Course Number 272  
 Course Title Private Piano V  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 2  
 (Credit Hours) Value: 1  
 Semester Offered Upon Request  

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

 Description  
 Study of basic principles of keyboard playing to include acquaintance with a variety of solo literature from representative musical eras and appropriate technical exercises as needed. The student will perform, analyze, build technical skills and learn appropriate repertoire for their level of ability. A private lesson course fee is required.

### MUS275 - Elementary Music Methods

**General**

Subject code MUS Course Number 275  
 Course Title Elementary Music Methods  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 2  
 Semester Offered Fall  
 Prerequisites MUS 176. Music education and early childhood education majors only.  
 Description  
 A study of methods and materials used in the teaching of choral and general music, PreK-12. The course addresses curriculum design with national and state music standards as well as performing, responding and creative assessments. Includes Dalcroze, Orff, and Kodály. Course experiences are highly participatory to facilitate improvement of musical and pedagogical skills.

### MUS276 - Secondary Music Methods

**General**

Subject code MUS Course Number 276  
 Course Title Secondary Music Methods  
**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 2  
 Semester Offered Spring  
 Prerequisites MUS 176  
 Description  
 In Secondary Music Methods students gain pre-clinical classroom teaching experience. Students will analyze and apply education practices and relationships between theories and research on music education and the practice of teaching in a field setting.

### MUS281 - Private Instruments IV

**General**

Subject code MUS Course Number 281  
 Course Title Private Instruments IV  
**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 2  
 (Credit Hours) Value: 1  
 Credit Range 1 - 2  
 Semester Offered Upon Request  

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

 Description  
 Private instruction in band and orchestral instruments: flute, oboe, clarinet, bassoon, horn, saxophone, trumpet, trombone, tuba, baritone, guitar, and percussion. A private lesson course fee is required.

### MUS282 - Private Instruments V

**General**

Subject code MUS Course Number 282

Course Title Private Instruments V

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value: 1

Credit Range 1 - 2

Semester Offered Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

Description  
 Continuation of MUS 281. A private lesson course fee is required.

### MUS283 - Private Strings IV

**General**

Subject code MUS Course Number 283

Course Title Private Strings IV

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value: 1

Credit Range 1 - 2

Semester Offered Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00 - 1 Credit 440.00 - 2 Credit

Description  
 Continuation of MUS 184. Private instruction in stringed instruments: violin, viola, violoncello, and contrabass. All private instruction is given on levels of skill determined by the instructor. Numbers for this instruction begin with the sub-collegiate level, MUS 014 and range upward to four complete semesters of private study. (One lesson per week earns one hour credit.) Participation in semester recitals and/or juries required. A private lesson course fee is required.

### MUS284 - Private Strings V

**General**

Subject code MUS Course Number 284

Course Title Private Strings V

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value: 1

Credit Range 1 - 2

Semester Offered Upon Request

No Requirements

Activity	Course Fee(s)	Fee Amount
Yes	Yes	385.00

Description  
 Continuation of MUS 283. Private instruction in stringed instruments: violin, viola, violoncello, and contrabass. All private instruction is given on levels of skill determined by the instructor. Numbers for this instruction begin with the sub-collegiate level, MUS 014 and range upward to four complete semesters of private study. (One lesson per week earns one hour credit.) Participation in semester recitals and/or juries required. A private lesson course fee is required.

### MUS290 - Vocal Jazz Ensemble III

**General**

Subject code MUS Course Number 290

Course Title Vocal Jazz Ensemble III

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description  
 Continuation of MUS 191. A mixed-voice (SATB) vocal ensemble that studies performance technique and repertoire of accompanied and a cappella vocal music. Study focuses on performance in popular vocal music styles of the 20th and 21st centuries including barbershop, contemporary commercial music, contemporary a cappella, popular, rock, and jazz genres. Study for some styles includes choreography and other coordinated physical ensemble movement. A small touring ensemble that acts as a musical ambassador to represent the college and surrounding community. Prepares for participation and performance in Fall Sing, Festival of Carols, and Spring Sing concerts as well as department and program tours in addition to several college events and outreach/civic performance opportunities. Admittance by audition and director permission.

### MUS291 - Vocal Jazz Ensemble IV

**General**

Subject code MUS Course Number 291

Course Title Vocal Jazz Ensemble IV

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description  
 Continuation of MUS 290. Admittance by audition and director permission.

### MUS292 - Diction for Singers I

**General**

Subject code MUS Course Number 292

Course Title Diction for Singers I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 1

Semester Offered Fall

Prerequisites  
 Concurrent enrollment in the appropriate semester of Private Voice (MUS 161, 162, 261, or 262) required.

Activity Yes

Description  
 English, Italian, and Latin diction for singers. An introductory course designed to help students learn and apply the International Phonetic Alphabet (IPA) as it pertains to the focus languages. Additionally, students in the course will apply IPA directly to song literature through recitation and performance in each language. Provides basic reading, comprehension, grammar, and pronunciation skills in English, Italian, and Latin.

### MUS293 - Diction for Singers II

**General**

Subject code MUS	Course Number 293
Course Title Diction for Singers II	
<b>Credit Hours</b>	
(Credit Hours) Min: 0	(Credit Hours) Max: 0
(Credit Hours) Value: 1	
Semester Offered Spring	
Prerequisites MUS 292. Concurrent enrollment in the appropriate semester of Private Voice (MUS 161, 162, 261, or 262) required	
Activity Yes	
Description French and German diction for singers; a continuation of Diction for Singers 1. A course designed to help students continue to learn and apply the International Phonetic Alphabet (IPA) as it pertains to the focus languages. Additionally, students in the course will apply IPA directly to song literature through recitation and performance in each language. Provides basic reading, comprehension, grammar, and pronunciation skills in French and German.	

### MUS298 - Workshop

**General**

Subject code MUS	Course Number 298
Course Title Workshop	
<b>Credit Hours</b>	
(Credit Hours) Min: 1	(Credit Hours) Max: 3
(Credit Hours) Value: 1	
Credit Range 1 - 3	
No Requirements	
Description Designed to meet a variety of needs for students in music.	

### MUS299 - Independent Study

**General**

Subject code MUS	Course Number 299
Course Title Independent Study	
<b>Credit Hours</b>	
(Credit Hours) Min: 1	(Credit Hours) Max: 3
(Credit Hours) Value: 1	
Credit Range 1 - 3	
No Requirements	
Description Design and execution of original music projects under faculty supervision.	

### MUS302 - Scoring and Arranging

**General**

Subject code MUS	Course Number 302
Course Title Scoring and Arranging	
<b>Credit Hours</b>	
(Credit Hours) Min: 0	(Credit Hours) Max: 0
(Credit Hours) Value: 2	
Semester Offered Spring	
Prerequisites MUS 206 Music Theory IV and MUS 213 Aural Perception IV	
Description An introduction to the principles and techniques of arranging, instrumentation, and orchestration. The course will introduce the standard instruments of the modern orchestra, wind ensemble, chamber ensembles such as brass and string quartets/ quintets. The course will discuss choral arranging, and begin discussion of creative orchestration practice.	

### MUS304 - Advanced Choral Conducting

**General**

Subject code MUS	Course Number 304
Course Title Advanced Choral Conducting	
<b>Credit Hours</b>	
(Credit Hours) Min: 0	(Credit Hours) Max: 0
(Credit Hours) Value: 2	
Semester Offered Fall	
Prerequisites Successful completion of MUS 204 and lower division theory core (MUS 105, 106, 107, 108, 205, 206, 212, 213, 155, and 256).	
Description Advanced conducting and rehearsal techniques for choral conductors. Focuses on the development of advanced baton technique, score preparation, and basic rehearsal procedures for the choral setting as they relate to gesture. Additionally explores advanced applications of musicianship, coordination, communication, and score analysis.	

### MUS305 - Advanced Instrumental Conducting

**General**

Subject code MUS	Course Number 305
Course Title Advanced Instrumental Conducting	
<b>Credit Hours</b>	
(Credit Hours) Min: 0	(Credit Hours) Max: 0
(Credit Hours) Value: 2	
Semester Offered Spring	
Prerequisites MUS 204 Elements of Conducting.	
Description Advanced Instrumental Conducting covers intermediate to advanced level skills in conducting with a focus on conducting and rehearsing instrumental ensembles. Topics include advanced technical and expressive gestures, building musicianship and artistry as a conductor, score study and preparation, error detection, transposition, and rehearsal techniques.	

### MUS325 - Choral/Vocal Techniques

#### General

Subject code MUS Course Number 325

Course Title Choral/Vocal Techniques

#### Credit Hours

(Credit Hours) Value: 1

Semester Offered Fall

Prerequisites Completion of MUS 176 and MUS 276 is highly recommended.

Description Choral and vocal method instruction for non-choral music education majors. Provides instruction centered on the art and science of vocalization as it pertains to teaching in a studio or classroom and in personal study. Covers the basics of vocal anatomy, breath energy, phonation, resonance, articulation, registration, warm-ups, basic diction, ensemble singing, considerations for teaching adolescent voices, and vocal health. Presents varied teaching methods for vocal instruction in an ensemble setting along with similarities/differences with instrumental instruction.

### MUS331B - Marching Band V

#### General

Subject code MUS Course Number 331B

Course Title Marching Band V

#### Credit Hours

(Credit Hours) Value: 2

Semester Offered Fall

Prerequisites MUS 214

Activity Yes

Description Teaches basic marching fundamentals. Performs for evening shows, parades. Reviews music and techniques appropriate to various marching styles. Provides pep band music for the basketball season.

### MUS331D - Wind Ensemble V

#### General

Subject code MUS Course Number 331D

Course Title Wind Ensemble V

#### Credit Hours

(Credit Hours) Value: 2

Semester Offered Spring

No Requirements

Activity Yes

Description Open for membership without audition to students from any major field of study as well as faculty and community members. This ensemble is also an outstanding forum for music majors to refine skills on primary or secondary instruments. Required for instrumental music majors.

### MUS331E - Jazz Ensemble V

#### General

Subject code MUS Course Number 331E

Course Title Jazz Ensemble V

#### Credit Hours

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Studies and performs a wide range of popular and jazz literature to develop musicianship. Auditions will be held.

### MUS331I - Tenor Bass Choir V

#### General

Subject code MUS Course Number 331I

Course Title Tenor Bass Choir V

#### Credit Hours

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of MUS 228. Upper-division ensemble study in Resonus. A tenor-bass voice ensemble that explores and performs accompanied and a cappella choral literature of all musical periods. An ensemble that focuses on building vocal and musical skill, for beginning, intermediate, and advanced singers. Focus on literature for Fall Sing, Festival of Carols, Handel's Messiah, and Spring Sing concerts along with other outreach events.

### MUS331J - SopranoAlto Choir V

#### General

Subject code MUS Course Number 331J

Course Title SopranoAlto Choir V

#### Credit Hours

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description GilaSoul Singers. Upper-division study in a treble-voiced ensemble setting; a continuation of MUS 230. The Soprano-Alto Choir performs a variety of accompanied and unaccompanied repertoire from a range of musical genres/styles spanning all eras of treble-voiced literature. Along with rehearsals, Soprano-Alto Choir performs at Fall and Spring Sing, Festival of Carols, and tours during the spring semester. Participants will be voiced by the director at the beginning of the semester. Admission is open to all sopranos and altos.

### MUS331K - A Cappella Choir V

**General**

Subject code MUS Course Number 331K

Course Title A Cappella Choir V

**Credit Hours**

(Credit Hours) Value: 2

Semester Offered Fall and Spring

No Requirements

Activity Yes

**Description**  
Continuation of MUS 237. Upper-division study in a mixed-voice choral ensemble setting that explores and performs accompanied and a cappella choral literature of all musical periods. This is the College's flagship vocal ensemble – a touring choir that acts as a musical ambassador to represent the college and surrounding community. Focus on literature for Fall Sing, Festival of Carols, Handel's Messiah, and Spring Sing concerts along with tours and other outreach events. Admittance by audition and director permission.

### MUS331O - Symphony Orchestra V

**General**

Subject code MUS Course Number 331O

Course Title Symphony Orchestra V

**Credit Hours**

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

**Description**  
Continuation of MUS 252; upper-division study in a large orchestral ensemble. Studies and performs a wide selection of symphonic literature. Orchestra prepares concerts for public performances and provides accompaniment for music performances. Admittance by audition and director permission.

### MUS331Q - Chamber Orchestra V

**General**

Subject code MUS Course Number 331Q

Course Title Chamber Orchestra V

**Credit Hours**

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

**Description**  
Continuation of MUS 241; upper-division study in a chamber string ensemble setting that explores and performs literature from all applicable musical periods. Includes weekly coaching sessions of string quartets and trios, with piano and in other combinations with other instruments. Admittance by audition and director permission.

### MUS332B - Marching Band VI

**General**

Subject code MUS Course Number 332B

Course Title Marching Band VI

**Credit Hours**

(Credit Hours) Value: 2

Semester Offered Fall

Prerequisites MUS 331B

Activity Yes

**Description**  
Teaches basic marching fundamentals. Performs for evening shows, parades, and reviews music and techniques appropriate to various marching styles. Provides pep band music for the basketball season.

### MUS332D - Wind Ensemble VI

**General**

Subject code MUS Course Number 332D

Course Title Wind Ensemble VI

**Credit Hours**

(Credit Hours) Value: 2

Semester Offered Spring

No Requirements

Activity Yes

**Description**  
Open for membership without audition to students from any major field of study as well as faculty and community members. This ensemble is also an outstanding forum for music majors to refine skills on primary or secondary instruments. Required for instrumental music majors.

### MUS332E - Jazz Ensemble VI

**General**

Subject code MUS Course Number 332E

Course Title Jazz Ensemble VI

**Credit Hours**

(Credit Hours) Value: 1

Semester Offered Fall and Spring

Prerequisites MUS 331E

Activity Yes

**Description**  
Studies and performs a wide range of popular and jazz literature to develop musicianship. Auditions will be held.

### MUS332I - Tenor Bass Choir VI

**General**

Subject code MUS Course Number 332I

Course Title Tenor Bass Choir VI

**Credit Hours**

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of MUS 331I.

### MUS332O - Symphony Orchestra VI

**General**

Subject code MUS Course Number 332O

Course Title Symphony Orchestra VI

**Credit Hours**

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of MUS 331O; upper-division study in a large orchestral ensemble. Admittance by audition and director permission

### MUS332J - SopranoAlto Choir VI

**General**

Subject code MUS Course Number 332J

Course Title SopranoAlto Choir VI

**Credit Hours**

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description GilaSoul Singers. A continuation of MUS 331J, upper-division study in a treble-voiced ensemble setting. Admission open to all sopranos and altos.

### MUS332Q - Chamber Ensemble VI

**General**

Subject code MUS Course Number 332Q

Course Title Chamber Ensemble VI

**Credit Hours**

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of MUS 331Q. Admittance by audition and director permission.

### MUS332K - A Cappella Choir VI

**General**

Subject code MUS Course Number 332K

Course Title A Cappella Choir VI

**Credit Hours**

(Credit Hours) Value: 2

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of MUS 331K. Admittance by audition and director permission.

### MUS341 - Music History and Literature I

**General**

Subject code MUS Course Number 341

Course Title Music History and Literature I

**Credit Hours**

(Credit Hours) Value: 3

Semester Offered Fall

Prerequisites Reading placement test score as established by District policy or ENG 091 with a grade of "C" or higher and ENG 101 with a grade of "C" or higher.

Description In-depth study of music history from antiquity to the beginning of the Classical era (pre-1750). Surveys periods, genres, composers, works, performance practice, and sources. Emphasizes musical meaning, style, and interpretation.

### MUS342 - Music History and Literature II

**General**

Subject code MUS Course Number 342

Course Title Music History and Literature II

**Credit Hours**

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites Reading placement test score as established by District policy or ENG 091 with a grade of "C" or higher and ENG 101 with a grade of "C" or higher.

Description In-depth study of music history from the Classical era (c.1750) to the present day. Surveys periods, genres, composers, works, performance practice, and sources. Emphasizes musical meaning, style, and interpretation.

### MUS346 - Music Technology

**General**

Subject code MUS Course Number 346

Course Title Music Technology

**Credit Hours**

(Credit Hours) Value: 1

Semester Offered Fall

No Requirements

Description The study of computer applications in music, including competencies in the use of notation software, music recording, apps, interactive websites, sound shaping, uses of midi in recording and notation software, and other technological applications for the music education classroom. Students will focus on the use of technology in a classroom environment, instructional practice, assessment development, and student engagement.

### MUS361 - Private Voice VI

**General**

Subject code MUS Course Number 361

Course Title Private Voice VI

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Fall

Prerequisites MUS 262

Course Fee(s) Yes Fee Amount 440.00

Description Continuation of MUS 262. For students majoring or minoring in music. Private instruction in proper singing techniques and study of vocal literature from English, French, German, Italian, and other language repertoires. A private lesson course fee is required.

### MUS362 - Private Voice VII

**General**

Subject code MUS Course Number 362

Course Title Private Voice VII

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Spring

Prerequisites MUS 361

Course Fee(s) Yes Fee Amount 440.00

Description Continuation of MUS 361. For students majoring or minoring in music. This course culminates with the junior recital and facilitates completion of the recital requirements for baccalaureate music programs. A private lesson course fee is required.

### MUS375 - Choral Practicum I

**General**

Subject code MUS Course Number 375

Course Title Choral Practicum I

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

Prerequisites MUS 176, 204, 262, and 276. Concurrent enrollment in MUS 304 is strongly recommended. Previous completion of or concurrent enrollment in MUS 421 is strongly recommended.

Description Studies the process of developing a successful school choral program. Analyzes the quality of choral literature and its suitability for various skill levels. Focuses on literature, methodology effective rehearsal management strategies and administration of a junior high/middle school choral program. Examines current resources and systems for choral program administration. Develops skills in singing, score analysis, conducting techniques, section leading, and microteaching.

### MUS376 - Choral Practicum II

**General**

Subject code MUS Course Number 376

Course Title Choral Practicum II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites MUS 375

Description A continuation of MUS 375. Provides further examination of the processes involved in developing a successful school choral program. Focuses on literature, methodology, effective rehearsal management strategies, and administration of a high school choral program. Includes the history and performance practices of stylistic periods of choral literature. Provides opportunities to plan and lead choral ensemble rehearsals. Includes preparations of materials for professional portfolios. Covers strategies for long-term professional development. Continues to develop skills in singing, score analysis, conducting techniques, section leading, and microteaching.

### MUS377 - Instrumental Practicum I

**General**

Subject code MUS Course Number 377

Course Title Instrumental Practicum I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

Prerequisites MUS 176 Introduction to Music Education

**Description**  
 The purpose of this course is to prepare music education majors with an emphasis in instrumental music for success in the classroom. This course focuses on the pedagogical process and on philosophical and curricular issues in music education. We will synthesize previous knowledge and skills and ensure that students receive the necessary tools to develop an exemplary, curricular-oriented and comprehensive instrumental program at the elementary and middle school levels. Additionally, this course is directed at preparing teachers for a successful and educational first-year experience while providing a foundation for a lifetime of teaching and learning.

### MUS378 - Instrumental Practicum II

**General**

Subject code MUS Course Number 378

Course Title Instrumental Practicum II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites MUS 377 Instrumental Practicum I

**Description**  
 The purpose of this course is to prepare music education majors with an emphasis in instrumental music for success in the classroom. This course focuses on the pedagogical process and on philosophical and curricular issues in music education. We will synthesize previous knowledge and skills and ensure that students receive the necessary tools to develop an exemplary, curricular-oriented and comprehensive instrumental program at the high school level. Additionally, this course is directed at preparing teachers for a successful and educational first-year experience while providing a foundation for a lifetime of teaching and learning. This course is a continuation of MUS 377, Instrumental Practicum I.

### MUS381 - Private Instruments VI

**General**

Subject code MUS Course Number 381

Course Title Private Instruments VI

**Credit Hours**  
 (Credit Hours) Min: 2 (Credit Hours) Max: 2

(Credit Hours) Value: 2

Credit Range 2

Semester Offered Upon Request

No Requirements		
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Activity	Course Fee(s)	Fee Amount
Yes	Yes	440.00

**Description**  
 Private instruction in band and orchestral instruments: flute, oboe, clarinet, bassoon, horn, saxophone, trumpet, trombone, tuba, baritone, guitar, and percussion. A private lesson course fee is required.

### MUS382 - Private Instruments VII

**General**

Subject code MUS Course Number 382

Course Title Private Instruments VII

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 2

(Credit Hours) Value: 1

Credit Range 1 - 2

Semester Offered Upon Request

No Requirements		
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Activity	Course Fee(s)	Fee Amount
Yes	Yes	440.00

**Description**  
 Private instruction in band and orchestral instruments: flute, oboe, clarinet, bassoon, horn, saxophone, trumpet, trombone, tuba, baritone, guitar, and percussion. A private lesson course fee is required.

### MUS383 - Private Strings VI

**General**

Subject code MUS Course Number 383

Course Title Private Strings VI

**Credit Hours**  
 (Credit Hours) Value: 2

Semester Offered Upon Request

Prerequisites MUS 284

Activity	Course Fee(s)	Fee Amount
Yes	Yes	440.00

**Description**  
 Continuation of MUS 284. Private instruction in stringed instruments: violin, viola, violoncello, and contrabass. All private instruction is given on levels of skill determined by the instructor. Numbers for this instruction begin with the sub-collegiate level, MUS 014 and range upward to four complete semesters of private study. (One lesson per week earns one hour credit.) Participation in semester recitals and/or juries required. A private lesson course fee is required.

### MUS384 - Private Strings VII

**General**

Subject code MUS Course Number 384

Course Title Private Strings VII

**Credit Hours**  
 (Credit Hours) Value: 2

Semester Offered Upon Request

Prerequisites MUS 383

Activity	Course Fee(s)	Fee Amount
Yes	Yes	440.00

**Description**  
 Continuation of MUS 383. Private instruction in stringed instruments: violin, viola, violoncello, and contrabass. All private instruction is given on levels of skill determined by the instructor. Numbers for this instruction begin with the sub-collegiate level, MUS 014 and range upward to four complete semesters of private study. (One lesson per week earns one hour credit.) Participation in semester recitals and/or juries required. A private lesson course fee is required.

### MUS410 - Choral Arranging

**General**

Subject code MUS Course Number 410

Course Title Choral Arranging

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

Prerequisites MUS 206 Music Theory IV and MUS 280 Music Technology with a grade of "C" or higher.

Description A study of the principles of part-writing, arranging, and editing for various vocal ensembles. Practical application for educational vocal ensembles will be stressed.

### MUS421 - Vocal Pedagogy

**General**

Subject code MUS Course Number 421

Course Title Vocal Pedagogy

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

Prerequisites MUS 262, 292, and 293. Concurrent enrollment in MUS 361 or higher-level lessons is highly recommended.

Description Provides instruction centered on the art and science of vocalization as it pertains to teaching in a studio or classroom and in personal study. Covers vocal anatomy, breath energy, phonation, resonance, articulation, registration, warm-ups, basic diction, ensemble singing, and considerations for teaching adolescent and geriatric voices. Presents varied teaching methods for vocal instruction in group and one-to-one situations. Provides students the opportunity to teach and receive immediate peer and instructor evaluations on the efficacy of teaching style and lesson content.

### MUS425 - Marching Methods

**General**

Subject code MUS Course Number 425

Course Title Marching Methods

**Credit Hours**

(Credit Hours) Value: 1

Semester Offered Spring

No Requirements

Description The purpose of this course is to prepare music education majors with an emphasis in instrumental music the teaching methods and practices necessary for successfully leading and directing a marching band.

### MUS431B - Marching Band VII

**General**

Subject code MUS Course Number 431B

Course Title Marching Band VII

**Credit Hours**

(Credit Hours) Value: 2

Semester Offered Fall

Prerequisites MUS 332B

Activity Yes

Description Teaches basic marching fundamentals. Performs for evening shows, parades, and reviews music and techniques appropriate to various marching styles. Provides pep band music for the basketball season.

### MUS431D - Wind Ensemble VII

**General**

Subject code MUS Course Number 431D

Course Title Wind Ensemble VII

**Credit Hours**

(Credit Hours) Value: 2

Semester Offered Spring

No Requirements

Activity Yes

Description Open for membership without audition to students from any major field of study as well as faculty and community members. This ensemble is also an outstanding forum for music majors to refine skills on primary or secondary instruments. Required for instrumental music majors.

### MUS431E - Jazz Ensemble VII

**General**

Subject code MUS Course Number 431E

Course Title Jazz Ensemble VII

**Credit Hours**

(Credit Hours) Value: 1

Semester Offered Fall and Spring

Prerequisites MUS 331E

Activity Yes

Description Studies and performs a wide range of popular and jazz literature to develop musicianship. Auditions will be held.

### MUS431I - Tenor Bass Choir VII

#### General

Subject code MUS Course Number 431I

Course Title Tenor Bass Choir VII

#### Credit Hours

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of MUS 332I.

### MUS431O - Symphony Orchestra VII

#### General

Subject code MUS Course Number 431O

Course Title Symphony Orchestra VII

#### Credit Hours

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of MUS 332O; upper-division study in a large orchestral ensemble. Admittance by audition and director permission

### MUS431J - SopranoAlto Choir VII

#### General

Subject code MUS Course Number 431J

Course Title SopranoAlto Choir VII

#### Credit Hours

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description GilaSoul Singers. A continuation of MUS 332J, upper-division study in a treble-voiced ensemble setting. Admission open to all sopranos and altos.

### MUS431Q - Chamber Orchestra VII

#### General

Subject code MUS Course Number 431Q

Course Title Chamber Orchestra VII

#### Credit Hours

(Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of MUS 332Q. Admittance by audition and director permission.

### MUS431K - A Cappella Choir VII

#### General

Subject code MUS Course Number 431K

Course Title A Cappella Choir VII

#### Credit Hours

(Credit Hours) Value: 2

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Continuation of MUS 332K. Admittance by audition and director permission.

### MUS476 - Music PrStudent Teaching

#### General

Subject code MUS Course Number 476

Course Title Music PrStudent Teaching

#### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Fall and Spring

#### Prerequisites

All program and professional requirements including MUS 176, 275, 276, and first semester of practicum (either choral or instrumental). Also must have active IVP Fingerprint Clearance Card from the State of Arizona. Faculty advisor and music education coordinator approval.

#### Description

Pre-clinical field experience. This course provides students the opportunity to analyze educational practices and the relationship between theories and research on music education with field applications. Music education majors receive initial experience in guiding students in a classroom setting, and prepares the student for the full clinical experience and capstone in the student teaching course.

## MUS495 - Music Student Teaching

### General

Subject code MUS Course Number 495

Course Title Music Student Teaching

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 12

Semester Offered Spring

### Prerequisites

All program and professional requirements including MUS 176, 275, 276, 476, and junior recital. Also must have active IVP Fingerprint Clearance Card from the State of Arizona. Faculty advisor and music education coordinator approval.

### Description

Student teaching is the culminating experience in the music teacher preparation program at Eastern Arizona College. This is to give music education majors practical experience in a classroom setting, and is a time of transition from a student role to a professional role. It is exemplified by the fact that the student teacher becomes an important and integral part of the host school system under the direction of an expert teacher and a college site coordinator. This experience provides students with the opportunity to integrate theoretical information in a practical, applied situation in order to prepare the student teacher for the initial step towards a career in music education.

## NUR130 - Nursing Two

### General

Subject code NUR Course Number 130

Course Title Nursing Two

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 9

Semester Offered Fall and Spring

### Prerequisites

BIO 202 with a grade of "C" or higher, NUR 120 with a grade of "B" or higher, and NUR 219 with a grade of "B" or higher

Course Fee(s) Yes Fee Amount 575.00

### Description

This course allows students to build on the foundation of nursing practice by focusing on nursing care of acutely ill hospitalized patients. This course teaches medical-surgical nursing. Themes for the program include caring, clinical competency, and nursing identity. Students will provide nursing care to multiple adult clients in a variety of acute care settings. Instruction will be offered through multiple methods such as didactic, skills lab, online, virtual, and in the clinical setting.

## NUR100 - Nursing Assistant

### General

Subject code NUR Course Number 100

Course Title Nursing Assistant

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 6

Semester Offered Fall and Spring

### Prerequisites

Successful completion of ENG 090 with a grade of "C" or higher, OR Reading Placement Score of "46" or higher; AND MAT 100 or higher with a grade of "C" or better OR Math Placement Score of "5" or higher. Minimum age of 15 years old.

### Description

A course designed to prepare individuals for entry-level positions as nursing assistants in structured health care settings directly supervised by a registered or licensed practical nurse. Successful completion of NUR100/NUR100G, and state-endorsed written and manual skills exams, and application for licensure or certification, will lead to a designation as a Licensed Nursing Assistant (LNA) or Certified Nursing Assistant (CNA) through the Arizona State Board of Nursing. Students must take NUR 100G, Nursing Assistant Lab, concurrently with this course. Students must attain a minimum of 120 hours of total instruction, which must include a minimum of 40 hours of classroom instruction, 20 hours in the skills lab, and 40 total clinical hours with at least 20 hours being in a skilled nursing facility. Before attending clinicals, each student must have a completed background check and urine drug screen, paid by the student, through a third-party vendor, such as Corporate Screening. Students are required to meet the clinical requirements of the clinical facility prior to attending clinicals. These requirements may include TB skin test or other evidence showing that the student is free from pulmonary Tuberculosis, immunizations or approved exemption, a negative Urine Drug Screen, and clear background check. The Arizona State Board of Nursing requirements for licensure include proof of legal presence in the United States and disclosure of felony conviction(s). Fingerprints are required by the Arizona State Board of Nursing to conduct background checks for criminal convictions.

## NUR219 - Pharmacology for Nursing

### General

Subject code NUR Course Number 219

Course Title Pharmacology for Nursing

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

### Prerequisites

BIO 201 and CHM 130 or higher (CHM 138 preferred) with a grade of "C" or higher

### Description

This course presents the foundation of pharmacology taught in the nursing process format. It offers drug information in the group classification format and includes drug indications, actions, contraindications, side effects, implications for administration, and related patient/family teaching. It integrates anatomy and physiology, basic pathophysiology, microbiology, and drug administration concepts.

## NUR240 - Nursing Three

### General

Subject code NUR Course Number 240

Course Title Nursing Three

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 9

Semester Offered Fall and Spring

### Prerequisites

NUR 130 with a grade of "B" or higher

Course Fee(s) Yes Fee Amount 575.00

### Description

This course is designed for students to analyze previously learned nursing concepts and apply nursing judgment while focusing on nursing care of maternal, newborn, and pediatric clients. Principles of management and leadership are examined. Themes for the program include caring, clinical competency, and nursing identity. Students will provide evidence-based nursing care to maternal, newborn, and pediatric clients in multiple settings, modeling professional behaviors. Instruction will be offered through multiple methods such as didactic, skills lab, simulation and case studies, online, virtual, and in the clinical setting.

## NUR120 - Nursing One

### General

Subject code NUR Course Number 120

Course Title Nursing One

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 9

Semester Offered Fall and Spring

### Prerequisites

Admission to Eastern Arizona College's nursing program

Course Fee(s) Yes Fee Amount 575.00

### Description

This course creates a foundation of nursing practice for each student. Themes for the program include caring, clinical competency, and nursing identity. This course teaches fundamental elements of nursing practice. Students will provide basic nursing care to stable adult clients. Instruction will be offered through multiple methods such as didactic, skills lab, online, virtual, and in the clinical setting. Entry into NUR 120 requires prior admission to the nursing program.

### NUR250 - Nursing Four

#### General

Subject code NUR	Course Number 250
Course Title Nursing Four	
<b>Credit Hours</b>	
(Credit Hours) Min: 0	(Credit Hours) Max: 0
(Credit Hours) Value: 10	
Semester Offered Fall and Spring	
Prerequisites NUR 240 with a grade of "B" or higher	
Course Fee(s) Yes	Fee Amount 575.00

**Description**  
This course is designed for students to synthesize nursing concepts and principles from this and previous courses in the provision of care to complex and critically ill clients. Themes for the program include caring, clinical competency, and nursing identity. Students will use clinical reasoning to plan and provide nursing care to complex clients and their families in critical care, psychiatric, community and maternal-child settings. Instruction will be offered through multiple methods such as didactic, skills lab, clinical simulation, online, virtual, and in the clinical setting. A comprehensive live NCLEX review course is incorporated at the end of the semester utilizing a national expert as the speaker.

### PHY107 - Physical Concepts

#### General

Subject code PHY	Course Number 107
Course Title Physical Concepts	
<b>Credit Hours</b>	
(Credit Hours) Min: 0	(Credit Hours) Max: 0
(Credit Hours) Value: 4	
General Education Category Natural Sciences	
Semester Offered Fall and Spring	
Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy	

**Description**  
This course provides model-based exposure to the fundamental principles and processes of the physical world. Topics include motion, forces, energy, heat, electricity, magnetism, and the structure of matter and the universe. Upon completion, students should be able to describe examples and applications of the principles studied. It is an appropriate class for anyone who wants to deepen their understanding of how the world around us works. Completion of one year of high school algebra is recommended.

### NUR297 - Workshop

#### General

Subject code NUR	Course Number 297
Course Title Workshop	
<b>Credit Hours</b>	
(Credit Hours) Min: 1	(Credit Hours) Max: 6
(Credit Hours) Value: 1	
Credit Range 1 - 6	

No Requirements

**Description**  
Designed to meet a variety of needs for students in the Nursing Program.

### PHY111 - General Physics I

#### General

Subject code PHY	Course Number 111	SUN Number PHY 1111
Course Title General Physics I		
<b>Credit Hours</b>		
(Credit Hours) Min: 0	(Credit Hours) Max: 0	
(Credit Hours) Value: 4		
General Education Category Natural Sciences		
Semester Offered Fall		
Prerequisites MAT 181 with a grade of "C" or higher, or concurrent enrollment in MAT 181, or placement test score as established by District policy, or division approval		

**Description**  
This course covers the fundamental principles of classical mechanics and thermodynamics. Problem solving is on the trigonometric level.

### NUR299 - Independent Study

#### General

Subject code NUR	Course Number 299
Course Title Independent Study	
<b>Credit Hours</b>	
(Credit Hours) Min: 1	(Credit Hours) Max: 3
(Credit Hours) Value: 1	
Credit Range 1 - 3	

No Requirements

**Description**  
Designed to meet a variety of needs for students in the Nursing Program.

### PHY112 - General Physics II

#### General

Subject code PHY	Course Number 112	SUN Number PHY 1112
Course Title General Physics II		
<b>Credit Hours</b>		
(Credit Hours) Min: 0	(Credit Hours) Max: 0	
(Credit Hours) Value: 4		
General Education Category Natural Sciences		
Semester Offered Spring		
Prerequisites PHY 111		

**Description**  
Covers the fundamental principles of electricity, magnetism, and optics. Problem solving is on the algebraic level, with some trigonometric problems included.

### PHY113 - General Physics III

**General**

Subject code PHY Course Number 113

Course Title General Physics III

**Credit Hours**

(Credit Hours) Value: 4

General Education Category Natural Sciences

Semester Offered Fall

Prerequisites PHY 112 with a grade of "C" or higher

Description This course provides an in-depth exploration of waves and optics, with a strong emphasis on trigonometric applications in physics. Students will delve into the fundamental principles of wave phenomena, including sound and light waves and their interactions. The course covers mechanical and electromagnetic waves, their characteristics, propagation, interference, diffraction, polarization, and the behavior of light and sound in various media. Through a combination of theoretical analysis and practical experiments, students will develop a comprehensive understanding of the physical principles governing waves and optics, preparing them for advanced studies in physics and engineering.

### PHY211 - Physics with Calculus I

**General**

Subject code PHY Course Number 211 SUN Number PHY 1121

Course Title Physics with Calculus I

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 5

General Education Category Natural Sciences

Semester Offered Spring

Prerequisites MAT 221 or concurrent enrollment in MAT 221 required

Description This course delves into classical mechanics, employing calculus to analyze and solve physical problems. Key topics include kinematics, Newton's laws of motion, work and energy, systems of particles, circular motion, rotation, and gravitation. Students will apply differential and integral calculus to derive equations of motion and solve complex problems. Laboratory sessions will enhance theoretical understanding through hands-on experiments and data analysis.

### PHY212 - Physics with Calculus II

**General**

Subject code PHY Course Number 212 SUN Number PHYS 1131

Course Title Physics with Calculus II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 5

General Education Category Natural Sciences

Semester Offered Fall

Prerequisites PHY 211

Description Covers fundamental principles of electricity and magnetism. Problem solving using calculus.

### PHY213 - Physics with Calculus III

**General**

Subject code PHY Course Number 213

Course Title Physics with Calculus III

**Credit Hours**

(Credit Hours) Value: 5

General Education Category Natural Sciences

Semester Offered Spring

Prerequisites MAT 221 with a grade of "C" or higher and PHY 211 with a grade of "C" or higher

Description This course provides an in-depth, calculus-based exploration of thermodynamics, waves, and optics principles, integrating calculus to enhance understanding and problem-solving skills. Students will delve into the laws of thermodynamics, examining energy transfer, entropy, and the behavior of gases. The course will also cover the fundamentals of wave phenomena, including sound and light waves, interference, diffraction, and polarization. In the optics section, students will study the behavior of light, optical instruments, and the principles of reflection, refraction, and lens systems.

### PHY298 - Workshop

**General**

Subject code PHY Course Number 298

Course Title Workshop

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

Description Designed to meet a variety of needs for students in Physical Science.

### PHY299 - Independent Study

**General**

Subject code PHY Course Number 299

Course Title Independent Study

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

Description Design and execution of original projects under faculty supervision.



## PSY171 - Child Growth and Development

### General

Subject code PSY Course Number 171

Course Title  
Child Growth and Development

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category  
Social and Behavioral Sciences

Semester Offered  
Fall and Spring

Prerequisites  
ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
This course gives students a broad, comprehensive view of the science of human development at each stage of development from conception through adolescence. Considers the biological, cognitive, physical, and social aspects of development from a knowledge base of theory, research, and current issues. Students will apply learning to developmentally appropriate principles and practices that guide relationships and learning experiences for children through adolescence. Substantial discussion will include family, culture, ethnicity, and gender. This course is identical to ECE 171.

## PSY220 - Introduction to Statistics

### General

Subject code PSY Course Number 220

Course Title  
Introduction to Statistics

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category  
Quantitative Reasoning

Semester Offered  
Fall and Spring

Prerequisites  
MAT 140 or higher with a grade of "C" or higher or placement test score as established by District policy and ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
Introduces statistical methods as applied to collecting, tabulating, analyzing, presenting, and interpreting data. Topics covered include frequency distributions, measures of central tendency, measures of dispersion, elementary probability theory, estimation, hypothesis testing, regression, and correlation. A basic course for students in business, behavioral and social sciences. Identical to MAT 160.

## PSY230 - Social Psychology

### General

Subject code PSY Course Number 230

Course Title  
Social Psychology

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category  
Social and Behavioral Sciences

Semester Offered  
Fall

Prerequisites  
PSY 101 with a grade of "C" or higher, and ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
The course presents an analysis of the way individuals think, feel, and behave in social situations and what factors influence our social behavior. The dynamics of individual and group behavior, and the perception of gender and ethnic differences as applied to the development of attitudes and values are also presented.

## PSY240 - Abnormal Psychology

### General

Subject code PSY Course Number 240

Course Title  
Abnormal Psychology

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category  
Social and Behavioral Sciences

Semester Offered  
Fall and Spring

Prerequisites  
PSY 101 with a grade of "C" or higher, and ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
This is a survey course that includes historical and contemporary definitions of the theories and research regarding the field of abnormal psychology. It includes assessment, diagnosis, and treatment of anxiety disorders, mood disorders, dissociative disorders, stress and physical health, personality disorders, body disorders, schizophrenic disorders, and life-span disorders.

## PSY250 - Developmental Psychology

### General

Subject code PSY Course Number 250

Course Title  
Developmental Psychology

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category  
Social and Behavioral Sciences

Semester Offered  
Fall

Prerequisites  
PSY 101 with a grade of "C" or higher, and ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
The study of individual behavior from conception through childhood, adolescence, adulthood, middle and old age. Determiners of psychological growth: motor, social, emotional, intellectual, language, and personality development are presented.

## PSY270 - Experimental Psychology

### General

Subject code PSY Course Number 270 SUN Number PSY 2290

Course Title  
Experimental Psychology

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

General Education Category  
Social and Behavioral Sciences

Semester Offered  
Spring

Prerequisites  
ENG 102 with a grade of "C" or higher, and PSY 101 with a grade of "C" or higher, and prior or concurrent enrollment in PSY 220 or MAT 160 with a grade of "C" or higher

Description  
This course is an introduction to the experimental and quantitative methods used by psychologists to generate new psychological knowledge, and to determine the generality, validity, and reliability of research data. Laboratory will offer demonstrations as well as direct experience with research methods and techniques, and with methods for the analysis, description, and reporting of research results. Students will design and conduct an experiment as approved by the instructor.

## RAD101 - Radiographic Procedures I

### General

Subject code RAD Course Number 101

Course Title Radiographic Procedures I

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

Prerequisites Admission to Eastern Arizona College's Radiologic Technologist Program

Course Fee(s) Yes Fee Amount 600.00

Description Content provides the knowledge base necessary to perform standard imaging procedures and special studies. Consideration is given to the evaluation of optimal diagnostic images.

## RAD102 - Radiographic Procedures II

### General

Subject code RAD Course Number 102

Course Title Radiographic Procedures II

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites RAD 101 with a "C" or better

Description Content establishes a knowledge base necessary to perform standard imaging procedures and special studies. Consideration is given to the evaluation of optimal diagnostic images.

## RAD105 - Radiation Biology

### General

Subject code RAD Course Number 105

Course Title Radiation Biology

### Credit Hours

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites Admission to Radiologic Technology Program.

Description This course provides an understanding of radiation interactions on the cellular level in-order to effectively protect self and patient from effects of radiation.

## RAD136 - Radiation Production and Exposure

### General

Subject code RAD Course Number 136

Course Title Radiation Production and Exposure

### Credit Hours

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Fall

Prerequisites Admission to Eastern Arizona College's Radiologic Technologist Program

Description Content establishes a knowledge base in technical factors that govern the image production process.

## RAD181 - Clinical Practicum I

### General

Subject code RAD Course Number 181

Course Title Clinical Practicum I

### Credit Hours

(Credit Hours) Value: 8

Semester Offered Spring

Prerequisites RAD 101 with a "C" or higher

Course Fee(s) Yes Fee Amount 500.00

Description This course is designed for students to analyze previously learned radiologic technologist concepts and apply judgment while focusing on patient care. Clinical competency is achieved through displayed skills, observed by the clinical instructor, and images observed by the clinical coordinator.

## RAD182 - Clinical Practicum II

### General

Subject code RAD Course Number 182

Course Title Clinical Practicum II

### Credit Hours

(Credit Hours) Value: 10

Semester Offered Summer

Prerequisites RAD 181 with a "C" or higher

Course Fee(s) Yes Fee Amount 500.00

Description This course is designed for students to analyze previously learned radiologic technologist concepts and apply judgment while focusing on patient care. Clinical competency is achieved through displayed skills, observed by the clinical instructor, and images observed by the clinical coordinator.

### RAD200 - Radiographic Film Critique

**General**

Subject code RAD Course Number 200

Course Title Radiographic Film Critique

**Credit Hours**

(Credit Hours) Value: 2

Semester Offered Spring

Prerequisites RAD 102 with a "C" or higher

Description This course provides instruction on accurate film evaluation, technical corrective actions, and artifact identification.

### RAD210 - Radiation Physics and Equipment

**General**

Subject code RAD Course Number 210

Course Title Radiation Physics and Equipment

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Spring

Prerequisites Admission to Eastern Arizona College's Radiologic Technologist Program

Description This course provides a knowledge base in radiographic, fluoroscopic, and mobile equipment design and function.

### RAD230 - Radiographic Pathology

**General**

Subject code RAD Course Number 230

Course Title Radiographic Pathology

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

Prerequisites RAD 102 with a "C" or higher

Description This course covers the most common pathology and disease processes diagnosed with medical imaging.

### RAD281 - Clinical Practicum III

**General**

Subject code RAD Course Number 281

Course Title Clinical Practicum III

**Credit Hours**

(Credit Hours) Value: 8

Semester Offered Fall

Prerequisites RAD 182 with a grade of "C" or higher

Course Fee(s) Yes Fee Amount 500.00

Description This course is designed for students to analyze previously learned radiologic technologist concepts and apply judgment while focusing on patient care. Clinical competency is achieved through displayed skills, observed by the clinical instructor, and images observed by the clinical coordinator.

### RAD282 - Radiographic Advanced Procedures

**General**

Subject code RAD Course Number 282

Course Title Radiographic Advanced Procedures

**Credit Hours**

(Credit Hours) Value: 8

Semester Offered Spring

Prerequisites RAD 281 with a "C" or higher

Course Fee(s) Yes Fee Amount 500.00

Description Content establishes a knowledge base necessary to perform advanced imaging procedures and special studies. Consideration is given to the evaluation of optimal diagnostic images.

### RAD300 - Computed Tomography Certificate

**General**

Subject code RAD Course Number 300

Course Title Computed Tomography Certificate

**Credit Hours**

(Credit Hours) Value: 5

Semester Offered Summer

No Requirements

Description This course examines the foundations of computed tomography (CT), scanning principles, patient safety, protocols, pathology, and cross-sectional anatomy.

### RAD310 - Mammography Certification

**General**

Subject code RAD Course Number 310

Course Title Mammography Certification

**Credit Hours**

(Credit Hours) Value: 4

Semester Offered Fall

Prerequisites Associate degree in radiologic technology and Registration with the A.R.R.T. in Radiography

Description Technical and procedural aspects of mammography including breast anatomy, physiology, positioning, compression, quality assurance techniques, implant imaging and mass localization. Successful completion of this course entitles the student to a Certificate of Completion of a 40-hour course in mammography education.

### ROB101 - Introduction to Robotics

**General**

Subject code ROB Course Number 101

Course Title Introduction to Robotics

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description This course teaches the safety and history of robots in preparation for becoming a field technician.

### ROB103 - Classification & Components of Basic Robots

**General**

Subject code ROB Course Number 103

Course Title Classification & Components of Basic Robots

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

Prerequisites ROB 101 or concurrent enrollment in ROB 101 or instructor approval

Activity Yes

Description This course teaches the classification and components of basic robots in preparation for becoming a field technician. Course covers the use of robots in today's machines.

### ROB105 - End of Arm Application & Peripheral Systems

**General**

Subject code ROB Course Number 105

Course Title End of Arm Application & Peripheral Systems

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

Semester Offered Fall and Spring

Prerequisites ROB 103 or concurrent enrollment in ROB 103 or instructor approval

Activity Yes

Description This course teaches end of arm application and peripheral systems in preparation for becoming a field technician.

### ROB107 - Robot Operations & Programming

**General**

Subject code ROB Course Number 107

Course Title Robot Operations & Programming

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall and Spring

Prerequisites ROB 105 or instructor approval

Description This course teaches the operation and programming of robots in preparation for becoming a field technician. Entry-level programming languages, subroutines, writing programs, and file maintenance will be taught.

### ROB109 - Troubleshooting and Repairing Robots

**General**

Subject code ROB Course Number 109

Course Title Troubleshooting and Repairing Robots

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites ROB 105 or concurrent enrollment in ROB 105 or instructor approval

Description This course teaches the troubleshooting and repairing of robots. Students will learn how to analyze problems, gather information, find solutions, and solve problems.

### SBM106 - Operating an Online HomeBased Business

**General**

Subject code SBM Course Number 106

Course Title  
Operating an Online HomeBased Business

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
1

Semester Offered  
Upon Request

No Requirements

**Description**  
This course is designed to provide students the opportunity to learn and practice the skills required to open and operate a successful home-based business using eBay and other Internet auction and resource sites. Basic familiarity with computer operations and the Internet is recommended.

### SBM121 - Supervision

**General**

Subject code SBM Course Number 121

Course Title  
Supervision

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Spring

No Requirements

**Description**  
This course explores the supervisory skills needed to become a successful supervisor. It accomplishes this objective through coverage of the principles of management: planning, organizing, staffing, leading, and control. Students receive hands-on experience in many situations faced by supervisors.

### SBM110 - Introduction to Entrepreneurship

**General**

Subject code SBM Course Number 110

Course Title  
Introduction to Entrepreneurship

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Fall and Spring

No Requirements

**Description**  
Introduces the entrepreneurial concepts of business management, including planning, raising capital, using business information, managing employees, and marketing products and services. The course includes the principles needed to operate a business and is designed for those who plan to have their own businesses and for those who desire to upgrade their skills in business management.

### SBM211 - Financial Management

**General**

Subject code SBM Course Number 211

Course Title  
Financial Management

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Fall and Spring

No Requirements

**Description**  
Presents the principles of business financial management, including financial planning, understanding and analyzing financial statements, working capital management, break-even analysis, and raising capital. Emphasis is placed on using financial information for making effective business decisions.

### SBM111 - Marketing

**General**

Subject code SBM Course Number 111

Course Title  
Marketing

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Fall and Spring

No Requirements

**Description**  
A study of all the business functions performed in getting goods and services from the producer to the consumer, including understanding the customer and designing an appropriate system of products, pricing, promotion, and distribution to meet customer needs.

### SBM221 - Business Ethics

**General**

Subject code SBM Course Number 221

Course Title  
Business Ethics

**Credit Hours**  
(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value:  
3

Semester Offered  
Fall and Spring

No Requirements

**Description**  
Improving the quality of business decisions and enhancing long-term business success through understanding ethical dilemmas, moral philosophy, character development, social responsibility, organizational culture, and special issues in a global economy.

### SBM297 - Workshop

**General**

Subject code SBM Course Number 297

Course Title Workshop

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 6

(Credit Hours) Value: 1

Credit Range 1 - 6

Semester Offered Upon Request

No Requirements

Activity Yes

Description Designed to meet a variety of needs for students in Small Business Management.

### SBM298 - Workshop

**General**

Subject code SBM Course Number 298

Course Title Workshop

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

Description Designed to meet a variety of needs for students in Small Business Management.

### SBM299 - Independent Study

**General**

Subject code SBM Course Number 299

Course Title Independent Study

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

Description Design and execution of original projects under faculty supervision.

### SOC101 - Introduction to Sociology

**General**

Subject code SOC Course Number 101 SUN Number SOC 1101

Course Title Introduction to Sociology

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Social and Behavioral Sciences

Semester Offered Fall and Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description Examines the nature and scope of sociology, its terminology and concepts; studies sociological perspectives, social processes, social institutions, development of society, and characteristics of social life.

### SOC110 - Marriage and the Family

**General**

Subject code SOC Course Number 110

Course Title Marriage and the Family

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Social and Behavioral Sciences

Semester Offered Fall and Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description Studies practices and theories of how relationships are formed, courting practices and adjustment strategies to couple and marital living as well as problems and conflict resolutions associated with marriage and family life. Also examines how children affect marriage, divorce, and remarriage relationships.

### SOC201 - Social Problems

**General**

Subject code SOC Course Number 201 SUN Number SOC 2250

Course Title Social Problems

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Social and Behavioral Sciences

Semester Offered Fall and Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description Studies the principal social problems of contemporary America: delinquency, crime, violence, substance abuse, education, minority relationships, aging, population, and ecology. Includes historical background and global perspective of same.

### SOC210 - Racial and Ethnic Relations

**General**

Subject code SOC Course Number 210 SUN Number SOC 2215

Course Title Racial and Ethnic Relations

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3

General Education Category Social and Behavioral Sciences

Semester Offered Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description Problems of minorities in heterogeneous societies. Evaluates theories of prejudice and research dealing with discrimination, desegregation, and assimilation.

### SOC299 - Independent Study

**General**

Subject code SOC Course Number 299

Course Title Independent Study

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3  
 (Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

Description Design and execution of original projects under faculty supervision.

### SPA011 - Beginning Conversational Spanish I

**General**

Subject code SPA Course Number 011

Course Title Beginning Conversational Spanish I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 2

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Emphasizes sentence structure, vocabulary, pronunciation, and study of Spanish-speaking cultures.

### SPA012 - Beginning Conversational Spanish II

**General**

Subject code SPA Course Number 012

Course Title Beginning Conversational Spanish II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 2

Semester Offered Fall and Spring

No Requirements

Activity Yes

Description Emphasizes sentence structure, vocabulary, pronunciation, and the study of Spanish-speaking cultures.

### SPA013 - Intermediate Conversational Spanish I

**General**

Subject code SPA Course Number 013

Course Title Intermediate Conversational Spanish I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 2

Semester Offered Upon Request

No Requirements

Activity Yes

Description Emphasizes sentence structure, vocabulary, pronunciation, and the study of Spanish-speaking cultures.

### SPA101 - Elementary Spanish I

**General**

Subject code SPA Course Number 101 SUN Number SPA 1101

Course Title Elementary Spanish I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 4

General Education Category Written and Oral Communication

Semester Offered Fall and Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description This course is designed for students at the Beginning Spanish I level. Emphasizes speaking, reading, writing, listening comprehension, and culture through a variety of approaches.

### SPA102 - Elementary Spanish II

**General**

Subject code SPA Course Number 102 SUN Number 1102

Course Title Elementary Spanish II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

General Education Category Written and Oral Communication

Semester Offered Fall and Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy and SPA 101 or instructor approval

Description Continuation of SPA 101. Emphasizes speaking, reading, writing, listening comprehension, and culture through a variety of approaches.

### SPA201 - Intermediate Spanish I

**General**

Subject code SPA Course Number 201 SUN Number 2201

Course Title Intermediate Spanish I

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

General Education Category Written and Oral Communication

Semester Offered Fall and Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy and SPA 102 or instructor approval.

Description Intermediate study of Spanish language, with emphasis on speaking, listening, reading, and writing. Course taught in Spanish. With completion of four years of high school Spanish or equivalent experience in a Spanish speaking country, instructor may approve replacement in this class.

### SPA202 - Intermediate Spanish II

**General**

Subject code SPA Course Number 202 SUN Number 2202

Course Title Intermediate Spanish II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 4

General Education Category Written and Oral Communication

Semester Offered Fall and Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy and SPA 201 or instructor approval

Description Continuation of SPA 201. Intermediate study of Spanish language, with emphasis on speaking, listening, reading, and writing. Course taught in Spanish. With equivalent experience in a Spanish speaking country, instructor may approve placement in this class.

### SPA261 - Spanish Conversation and Composition I

**General**

Subject code SPA Course Number 261

Course Title Spanish Conversation and Composition I

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

No Requirements

Description Emphasizes speaking and writing in everyday idiom; employs material based on current topics.

### SPA262 - Spanish Conversation and Composition II

**General**

Subject code SPA Course Number 262

Course Title Spanish Conversation and Composition II

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 2

Semester Offered Upon Request

No Requirements

Description Emphasizes speaking and writing in everyday idiom; employs material based on current topics.

### SPA298 - Workshop

**General**

Subject code SPA Course Number 298

Course Title Workshop

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

Description Designed to meet a variety of needs for students in Spanish.

### SPA299 - Independent Study

**General**

Subject code SPA Course Number 299

Course Title Independent Study

**Credit Hours**

(Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

Description Design and execution of original projects under faculty supervision for Spanish Language students.

### SSE110 - Introduction to Social Work

**General**

Subject code SSE Course Number 110

Course Title Introduction to Social Work

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Social and Behavioral Sciences

Semester Offered Fall and Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description This course examines the profession of social work, its value base, field of practice, and societal role. Major social problems, philosophies of social welfare provision, program and policy initiative, and the response of social work as a profession are addressed. In addition, the unique challenges and limitations of rural social work and working with populations of individuals existing within various social welfare systems.

### SSE121 - Study of Substance Abuse

**General**

Subject code SSE Course Number 121

Course Title Study of Substance Abuse

**Credit Hours**

(Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

Description This course is designed to improve knowledge pertaining to substance abuse. It will assist the student in gaining an understanding of the general phenomena of substance abuse, its etiology, psychological, and biological effects, specific abuse problems, and legal, social, and treatment issues.

### SSE184 - Introductory Ethics: A Social Services Perspective

**General**

Subject code SSE Course Number 184

Course Title Introductory Ethics: A Social Services Perspective

**Credit Hours**

(Credit Hours) Value: 3

General Education Category Arts and Humanities

Semester Offered Fall

No Requirements

Description This course introduces students to ethics and ethical principles from the lens of social services delivery systems, as well as ethics from a historical and contemporary multicultural perspective.

### SSE190 - Social Service Practicum

**General**

Subject code SSE Course Number 190

Course Title Social Service Practicum

**Credit Hours**

(Credit Hours) Value: 1

Semester Offered Spring

Prerequisites SSE 110, SSE 184, SSE 205, PSY 240 and COM 115, or Instructor approval

Description SSE 190 provides students with supervised experience in the social services workforce. This course begins with two to four weeks of classroom instruction on common social services scenarios, ethics, professionalism, and tools for success. Students will complete the required hours with a local social services provider.

### SSE205 - Case Report Writing and Documentation

**General**

Subject code SSE Course Number 205

Course Title Case Report Writing and Documentation

**Credit Hours**

(Credit Hours) Value: 3

Semester Offered Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy.

Description This course introduces students to the principles, concepts, techniques, and necessary skills to create and maintain case report records. Includes case report writing elements, report writing considerations, report content, ethical and legal issues, current trends in behavioral health case report writing, and cultural competence.

### TEC103 - WorkKeys Career Skills Enhancement

#### General

Subject code TEC Course Number 103

Course Title WorkKeys Career Skills Enhancement

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

Semester Offered Fall and Spring

No Requirements

**Description**  
 This course is designed to provide individualized, computer-based instruction in applied math, graphic literacy, and workplace documents to students in career and technical education programs. It prepares students to obtain the industry credential ACT WorkKeys National Career Readiness Certificate (NCRC). The NCRC measures and certifies the essential work skills needed for success in jobs across industries and occupations.

### TEC120 - Aviation Ground School I

#### General

Subject code TEC Course Number 120

Course Title Aviation Ground School I

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

**Description**  
 Instruction in flight theory, navigation, aircraft safety and operation, and federal aviation regulations. Completion of this course prepares and qualifies the student for FAA written exams.

### TEC112 - Basic Hydraulics and Pneumatics

#### General

Subject code TEC Course Number 112

Course Title Basic Hydraulics and Pneumatics

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
 This course provides basic instruction in the principles and applications of fluid power in industrial applications. The course will discuss safety, installation, troubleshooting, basic components, theory and practices of industrial hydraulic and pneumatic systems.

### TEC121 - Aviation Ground School II

#### General

Subject code TEC Course Number 121

Course Title Aviation Ground School II

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 3

Semester Offered Upon Request

No Requirements

**Description**  
 A continuation of instruction in flight theory, navigation, aircraft safety and operation, and federal aviation regulations. Completion of this course prepares and qualifies the student for FAA written exam for the Instrument Airplane Rating.

### TEC116 - Rigging

#### General

Subject code TEC Course Number 116

Course Title Rigging

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 1

Semester Offered Upon Request

No Requirements

**Description**  
 Provides instruction in the use of slings and common rigging hardware. Emphasizes basic rigging techniques, hitch configurations, safe loading practices, and load inspection, as well as the use of American National Standards Institute (ANSI) hand signals.

### TEC132 - OSHA 10 Training

#### General

Subject code TEC Course Number 132

Course Title OSHA 10 Training

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0  
 (Credit Hours) Value: 0.5

Semester Offered Upon Request

No Requirements

**Description**  
 Students will be introduced to OSHA policies, procedures and standards as well as general industry safety and health principles covered in OSHA Act Part 1910. All OSHA standards will be followed. Upon successful completion of the course, participants will receive an OSHA general industry safety and health 10-hour course completion card from the Department of Labor.



### TEC176 - Building Energy Analyst Training

**General**

Subject code TEC Course Number 176

Course Title Building Energy Analyst Training

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 5

Semester Offered Upon Request

No Requirements

Description  
 This course prepares student to test for Building Performance Institute (BPI) Building Analyst Certification.

### TEC298 - Workshop

**General**

Subject code TEC Course Number 298

Course Title Workshop

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

Description  
 Designed to meet a variety of needs for students in Technical Education.

### TEC191 - Industry Internship I

**General**

Subject code TEC Course Number 191

Course Title Industry Internship I

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 4

(Credit Hours) Value: 1

Credit Range 1 - 4

Semester Offered Upon Request

Prerequisites Instructor approval

Activity Yes

Description  
 Eastern Arizona College offers industry internship courses for students who have selected a specific career objective in an industrial-technical field. Designed to give students the opportunity to learn through supervised work experiences, the courses integrate students' educational activities with on-the-job learning opportunities. Meetings with the Coordinator are designed to assist students in identifying activities (competencies they will complete on the job), learning job survival and improvement skills, and developing effective human relations and communications skills.

### TEC299 - Independent Study

**General**

Subject code TEC Course Number 299

Course Title Independent Study

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

Description  
 Design and execution of original projects under faculty supervision.

### TEC297 - Workshop

**General**

Subject code TEC Course Number 297

Course Title Workshop

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 6

(Credit Hours) Value: 1

Credit Range 1 - 6

Semester Offered Upon Request

No Requirements

Description  
 Designed to meet a variety of needs for students in Technical Education.

### THC105 - Introduction to Theatre

**General**

Subject code THC Course Number 105

Course Title Introduction to Theatre

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

General Education Category Arts and Humanities

Semester Offered Fall and Spring

Prerequisites ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy

Description  
 This course seeks to provide students with a broad base of knowledge about the theatre and foster an appreciation of this dynamic art form through the study of dramatic plays, varied theatrical practices, the roles of different stage artists, and the historical and cultural significances of diverse dramatic forms and genres.



### THC140 - Costume Construction

**General**

Subject code Course Number  
 THC 140

Course Title  
 Costume Construction

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 2

Semester Offered  
 Upon Request

No Requirements

Activity  
 Yes

Description  
 This is the foundational course for all other courses in Costume Design and Costume Technology. The techniques you learn in this course will become your building blocks for all other courses in this area of study. The skills samples provide an opportunity for hands-on practice of standard costume-construction methods.

### THC141 - Introduction to Costume Design

**General**

Subject code Course Number  
 THC 141

Course Title  
 Introduction to Costume Design

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 2

Semester Offered  
 Upon Request

Prerequisites  
 THC 140 with a grade of "C" or higher

Activity  
 Yes

Description  
 Students will explore the design process, costume silhouette and detail, and scripts and character analysis within the context of historical theatrical costuming.

### THC160 - Repertory Acting Company I

**General**

Subject code Course Number  
 THC 160

Course Title  
 Repertory Acting Company I

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 1 3

(Credit Hours) Value:  
 1

Credit Range  
 1 - 3

Semester Offered  
 Fall and Spring

Prerequisites  
 THC 110 or instructor approval

Activity  
 Yes

Description  
 A course intended to model the structure of a professional theatre company in which members of the ensemble collaborate to stage creative performance projects. Emphasis will be placed on the application of targeted performance theory, the implementation of effective acting practices in rehearsal, and the development of well-crafted theatrical productions. Participation in performances and minimal rehearsals held outside of the scheduled class time is required. Performance topics will vary by semester.

### THC161 - Repertory Acting Company II

**General**

Subject code Course Number  
 THC 161

Course Title  
 Repertory Acting Company II

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 1 3

(Credit Hours) Value:  
 1

Credit Range  
 1 - 3

Semester Offered  
 Fall and Spring

Prerequisites  
 THC 160

Activity  
 Yes

Description  
 Continuation of THC 160.

### THC170 - Introduction to Stage Lighting

**General**

Subject code Course Number  
 THC 170

Course Title  
 Introduction to Stage Lighting

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 3

Semester Offered  
 Fall

No Requirements

Activity  
 Yes

Description  
 Stage lighting will introduce to the student a practical approach to the technical and production aspects of lighting for theatre, musical theatre, and musical concerts. Students will use a variety of techniques as they learn to hang and focus lighting instruments, understand the physics of lighting, read and understand light plots and paperwork, investigate CAD for stage lighting, and learn the types and uses of multi-parameter fixtures. In conjunction with the Music and Drama Departments, students will take an active role in each of the major productions.

### THC171 - Stage Combat

**General**

Subject code Course Number  
 THC 171

Course Title  
 Stage Combat

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 2

Semester Offered  
 Spring

No Requirements

Activity  
 Yes

Description  
 Introduction to the fundamentals of stage combat: how to conduct fights, duels and other altercations on stage that appear realistic to the audience, but are, in fact, safe for the participants.

### THC203 - Principles of Dramatic Structure

**General**

Subject code Course Number  
 THC 203

Course Title  
 Principles of Dramatic Structure

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 3

Semester Offered  
 Fall

Prerequisites  
 THC 105 or instructor approval

Description  
 This course focuses on the fundamental analysis, interpretation, and evaluation of dramatic literature for theatrical production. Emphasis will be placed on creatively investigating the structure, style, themes, plot, characters, language, and context of assigned plays from different genres and eras. Assigned readings and attendance at selected play productions will be required.

### THC205 - Musical Theatre I

**General**

Subject code Course Number  
 THC 205

Course Title  
 Musical Theatre I

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 3

Semester Offered  
 Spring

No Requirements

Activity  
 Yes

Description  
 This course is designed to introduce students to the exciting world of Musical Theatre. In a survey learning setting, students will learn the historical development of musicals from the early operas in Italy to the large Broadway shows of the nineties in New York City. Students will also learn beginning skills in acting and singing for the Musical Theatre (live performance required).

### THC210 - Acting III

**General**

Subject code Course Number  
 THC 210

Course Title  
 Acting III

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 3

Semester Offered  
 Upon Request

No Requirements

Description  
 To learn and increase techniques that will perfect the acting instrument through improvisation, class exercises, and scene work.

### THC211 - Acting IV

**General**

Subject code Course Number  
 THC 211

Course Title  
 Acting IV

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 3

Semester Offered  
 Upon Request

Prerequisites  
 THC 110, THC 111 AND THC 210

Description  
 The study of nonrealistic styles, including expressionism, absurdism, and the contemporary avant-garde and to work with select exercises in both representational and presentational modes.

### THC217 - Introduction to Design Scenography

**General**

Subject code Course Number  
 THC 217

Course Title  
 Introduction to Design Scenography

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
 3

Semester Offered  
 Fall

No Requirements

Description  
 This course provides an introduction to the role and responsibilities of the theatre designer (scenic, lighting, costume, sound, and multimedia effects) for stage productions. The class introduces the aesthetic principles and practices employed by designers/artists of the stage and screen, including visual research, text analysis, applying historical and social contexts to design, basic knowledge of the elements and principles of design, conceptualization, and design development as well as methods of visual communication (sketching, storyboarding, rendering, drafting, model making).

### THC220 - Rehearsal and Production III

**General**

Subject code Course Number  
 THC 220

Course Title  
 Rehearsal and Production III

**Credit Hours**  
 (Credit Hours) Min: (Credit Hours) Max:  
 1 2

(Credit Hours) Value:  
 1

Credit Range  
 1 - 2

Semester Offered  
 Fall and Spring

No Requirements

Activity  
 Yes

Description  
 Continuation of THC 121. This class is a special opportunity available to students who seek to create with their fellows the "delicate illusionary reality that we call the theatre." The department believes that the education of students is enriched by participation in the actual process of creating a performance and by participation in a variety of experiences in the process. The emphasis of all the course requirements is on commitment, teamwork, and dedication to the goal shared in common by all in the process.



### THC290 - Acting Workshop

**General**

Subject code THC Course Number 290

Course Title Acting Workshop

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

Semester Offered Upon Request

No Requirements

Activity Yes

**Description**  
 Advanced study in acting technique for the aspiring theatre artist. The actor will continue to refine the command of skills in script analysis, artistic interpretation of the text, and successful vocal and physical performance. This course provides the opportunity for students to receive additional supervision and critique in his or her development as an actor and will culminate in a recital, workshop, showcase, or juried performance.

### THC298 - Workshop

**General**

Subject code THC Course Number 298

Course Title Workshop

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

**Description**  
 Designed to meet a variety of needs for students in Theatre and Cinematic Arts.

### THC299 - Independent Study

**General**

Subject code THC Course Number 299

Course Title Independent Study

**Credit Hours**  
 (Credit Hours) Min: 1 (Credit Hours) Max: 3

(Credit Hours) Value: 1

Credit Range 1 - 3

No Requirements

**Description**  
 Design and execution of original projects under faculty supervision.

### UAS100 - Introduction to Drones

**General**

Subject code UAS Course Number 100

Course Title Introduction to Drones

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Fall

No Requirements

**Description**  
 This course uses current technology to introduce students to aerial unmanned aircraft, the mechanisms behind flight, and their potential recreational and professional applications.

### UAS107 - Remote Pilot Certificate Preparation

**General**

Subject code UAS Course Number 107

Course Title Remote Pilot Certificate Preparation

**Credit Hours**  
 (Credit Hours) Min: 0 (Credit Hours) Max: 0

(Credit Hours) Value: 3

Semester Offered Spring, Fall

No Requirements

**Description**  
 This course reviews the most current aeronautical principles needed to prepare for the FAA Remote Pilot Certificate exam. Students should expect to learn terminology, procedures, and laws relevant to flying small unmanned aircraft (sUAS).

### UAS180 - Aerial Photography and Videography

**General**

Subject code UAS Course Number 180

Course Title Aerial Photography and Videography

**Credit Hours**

(Credit Hours) Value: 3

Semester Offered Spring

**Prerequisites**  
 ENG 091 with a grade of "C" or higher or reading placement test score as established by District policy. UAS 107 with a grade of "C" or higher.

**Description**  
 The Aerial Photography and Videography course offers training and hands-on exercises to equip students with the skills and knowledge required to capture photography and video content from the unique and challenging aerial perspective provided by Unmanned Aerial Systems (UAS) - Drones. Throughout the course, students will engage in progressively challenging drone training-flight exercises. They will explore various in-flight camera recording techniques.

### UAS201 - Drone Dynamics and Design I

**General**

Subject code Course Number  
 UAS 201  
 Course Title  
 Drone Dynamics and Design I

**Credit Hours**

(Credit Hours) Value:  
3

Semester Offered  
Fall

Prerequisites  
UAS 100 or UAS 107

Course Fee(s) Fee Amount  
 Yes 50.00

Description  
 This course will teach students more about what constitutes a drone. Students will explore and develop an understanding of thrust and aerodynamics. Students will gain soldering proficiency and will build a drone. Students will understand how to test components and correct flaws and will gain further flight proficiency.

### UAS211 - Ground Control Stations, Telemetry, and Comms

**General**

Subject code Course Number  
 UAS 211  
 Course Title  
 Ground Control Stations, Telemetry, and Comms

**Credit Hours**

(Credit Hours) Value:  
3

Semester Offered  
Fall

Prerequisites  
UAS 107

Course Fee(s) Fee Amount  
 Yes 50.00

Description  
 This course introduces students to the essential concepts of drone telemetry, focusing on data collection, analysis, and application in various industries. Students will gain hands-on experience with telemetry systems, learn to interpret telemetry data, and apply this knowledge in practical drone missions. The course culminates in a capstone project where students demonstrate their understanding of telemetry in a chosen professional context.

### UAS202 - Drone Dynamics and Design II

**General**

Subject code Course Number  
 UAS 202  
 Course Title  
 Drone Dynamics and Design II

**Credit Hours**

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
UAS 201

Course Fee(s) Fee Amount  
 Yes 50.00

Description  
 This course will teach students more about what constitutes a drone. Students will explore and develop an understanding of thrust and aerodynamics. Students will gain soldering proficiency and will build a drone. Students will understand how to test components and correct flaws and will gain further flight proficiency.

### WLD101 - Welding

**General**

Subject code Course Number  
 WLD 101  
 Course Title  
 Welding

**Credit Hours**

(Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
3

Semester Offered  
Fall and Spring

No Requirements

Course Fee(s) Fee Amount  
 Yes 75.00

Description  
 This course teaches principles of arc and oxyacetylene welding, flame cutting, and brazing with emphasis on mastering basic welding techniques. An additional fee is required.

### UAS210 - Professional Drone Applications

**General**

Subject code Course Number  
 UAS 210  
 Course Title  
 Professional Drone Applications

**Credit Hours**

(Credit Hours) Value:  
3

Semester Offered  
Fall and Spring

Prerequisites  
UAS 107

Description  
 This capstone course explores the advanced applications of unmanned aerial systems (UAS) in various professional fields. Students will engage in hands-on experience with autonomous drone operations, learn to integrate drone technology into industry-specific workflows and investigate innovative uses of drones in agriculture, real estate, environmental monitoring, infrastructure inspection, emergency response, and more.

### WLD108 - Welding and Metal Fabrication

**General**

Subject code Course Number  
 WLD 108  
 Course Title  
 Welding and Metal Fabrication

**Credit Hours**

(Credit Hours) Min: (Credit Hours) Max:  
 0 0

(Credit Hours) Value:  
3

Semester Offered  
Fall

No Requirements

Course Fee(s) Fee Amount  
 Yes 75.00

Description  
 Principles of arc and oxyacetylene welding, flame cutting, and brazing with emphasis on metal fabrication techniques.



## WLD270 - Technical Welding

### General

Subject code  
WLD

Course Number  
270

Course Title  
Technical Welding

### Credit Hours

(Credit Hours) Min:  
0

(Credit Hours) Max:  
0

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
WLD 101 or WLD 108 or instructor approval

Course Fee(s)  
Yes

Fee Amount  
75.00

### Description

This course teaches welding processes as used in modern industry. Course provides instruction in and experience with all major welding processes with emphasis on proper welding techniques to ensure students understand industry requirements. This course places an emphasis on preparing the student to take the AWS welding certification test.

## WLD280 - Advanced Arc Welding

### General

Subject code  
WLD

Course Number  
280

Course Title  
Advanced Arc Welding

### Credit Hours

(Credit Hours) Min:  
0

(Credit Hours) Max:  
0

(Credit Hours) Value:  
3

Semester Offered  
Spring

Prerequisites  
WLD 260 and WLD 270 or instructor approval

Course Fee(s)  
Yes

Fee Amount  
75.00

### Description

Application of advanced welding techniques utilizing multiple welding processes to successfully weld pipe and plate. Instruction will emphasize certification test preparation towards AWS welding codes. An additional fee is required.

## WLD290 - Welding Certification

### General

Subject code  
WLD

Course Number  
290

Course Title  
Welding Certification

### Credit Hours

(Credit Hours) Min:  
0

(Credit Hours) Max:  
0

(Credit Hours) Value:  
1

Semester Offered  
Spring

Prerequisites  
WLD 260 or WLD 270 or concurrent enrollment in WLD 260 or WLD 270 or instructor approval

Course Fee(s)  
Yes

Fee Amount  
75.00

### Description

This course prepares students for American Welding Society (AWS) certification or other welding certifications. This course relies on previous welding courses or industry experience for skill development. An additional fee (approximately \$75) is required for students who would like their official weld coupon inspected by a Certified Welding Inspector (CWI). Students will be required to pay for the inspection directly to the vendor and must be willing to have their official weld coupon inspected and approved by the course instructor prior to the inspection by a CWI.

## Course Sets

### Natural Sciences (AAS Degrees)

Complete ANY:

- AGR111 - Principles of Plant Science
- AGR135 - Conservation and Natural Resources

## WLD297 - Workshop

### General

Subject code  
WLD

Course Number  
297

Course Title  
Workshop

### Credit Hours

(Credit Hours) Min:  
1

(Credit Hours) Max:  
3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

Semester Offered  
Upon Request

No Requirements

Activity  
Yes

Description  
Designed to meet a variety of needs for students in Welding Technology.

## WLD298 - Workshop

### General

Subject code  
WLD

Course Number  
298

Course Title  
Workshop

### Credit Hours

(Credit Hours) Min:  
1

(Credit Hours) Max:  
3

(Credit Hours) Value:  
1

Credit Range  
1 - 3

Semester Offered  
Upon Request

No Requirements

Description  
Designed to meet a variety of needs for students in Welding Technology.

- AST103 - Introduction to Astronomy
- BIO100 - Biology Concepts
- BIO105 - Environmental Biology
- BIO160 - Introduction to Human Anatomy and Physiology
- BIO181 - General Biology I

- BIO182 - General Biology II
- BIO201 - Human Anatomy and Physiology I
- BIO202 - Human Anatomy and Physiology II
- BIO205 - Microbiology
- BIO226 - Ecology
- BIO295 - Undergraduate Biological Research
- CHM130 - Fundamental Chemistry
- CHM138 - An Introduction to General, Organic, and Biological Chemistry
- CHM151 - General Chemistry I
- CHM152 - General Chemistry II
- CHM235 - General Organic Chemistry I
- CHM236 - General Organic Chemistry II
- ENV101 - Environmental Science
- FOR101 - Introduction to Forestry
- GLG101 - Physical Geology
- GLG102 - Historical Geology
- GLG110 - Geologic Hazards and Disasters
- GLG118 - Geology of Arizona
- PHY107 - Physical Concepts
- PHY111 - General Physics I
- PHY112 - General Physics II
- PHY211 - Physics with Calculus I
- PHY212 - Physics with Calculus II

## ENG 101 or Higher

Complete ANY:

- ENG101 - Written Communications I
- ENG102 - Written Communications II
- ENG217 - Writing Reflective Essays

## Institutions of the Americas (Transfer)

Complete ANY:

- HIS101 - U.S. History to 1877
- HIS102 - U.S. History Since 1865
- HIS221 - Mexican American History and Culture
- POS110 - United States National Politics

## Medical Assistant Certificate

Complete ANY:

- BUS251 - Human Relations
- CMP101 - Introduction to Computers
- CMP103 - Introduction to Computer Based Systems
- PSY101 - Introduction to Psychology
- HCE240 - Human Pathophysiology
- HCE156 - Science for Allied Health
- HCE180 - Patient Care Technician
- HCE189 - Phlebotomy Certification Review
- HCE188 - Electrocardiogram

## CSL Gen Ed (AAS)

Complete ALL:

- CSL115 - Community Outreach Through Service Learning (Inactive)

## GIH Gen Ed (Transfer)

Complete ALL:

- ART133 - World Art I
- ART134 - World Art II
- BUA221 - Principles of Macroeconomics
- BUA201 - Strategies for Career Preparation
- ENG202 - World Literature II
- ENG241 - American Literature I
- ENG242 - American Literature II
- FRE101 - Elementary French I
- FRE102 - Elementary French II
- FRE201 - Intermediate French I
- FRE202 - Intermediate French II
- GLG110 - Geologic Hazards and Disasters
- HIS101 - U.S. History to 1877
- HIS102 - U.S. History Since 1865
- HIS104 - The Development of Europe to 1650
- HIS105 - Modern Europe Since 1550
- HIS111 - History of China to 1600
- HIS112 - History of China 1600 to Present
- HIS221 - Mexican American History and Culture
- MDC200 - Film History
- MUS101 - World of Music
- POS110 - United States National Politics
- POS120 - World Politics
- SOC101 - Introduction to Sociology
- SOC210 - Racial and Ethnic Relations
- SPA101 - Elementary Spanish I
- SPA102 - Elementary Spanish II
- SPA201 - Intermediate Spanish I
- SPA202 - Intermediate Spanish II
- THC105 - Introduction to Theatre

## Options (AAS)

Complete ANY:

- COM215 - Interviewing Principles and Practices
- BUA259 - Business Communications
- ENG100 - Writing Fundamentals
- ENG101 - Written Communications I
- ENG102 - Written Communications II
- ENG217 - Writing Reflective Essays
- CMP101 - Introduction to Computers
- CMP103 - Introduction to Computer Based Systems
- CMP121 - Visual Basic Programming I
- CMP128 - C# Programming I
- EGR130 - C# Programming I (Inactive)
- CSL115 - Community Outreach Through Service Learning (Inactive)
- DAN103 - Beginning Ballroom Dance I
- DAN104 - Beginning Ballroom Dance II
- DAN110 - Beginning Folk Dance I
- DAN111 - Beginning Folk Dance II
- DAN120 - Beginning Modern Dance I
- DAN121 - Beginning Modern Dance II
- DAN122 - Beginning Jazz Dance I
- DAN123 - Beginning Jazz Dance II
- DAN132 - Beginning Ballet I
- DAN133 - Beginning Ballet II
- DAN141 - Traditional Hawaiian Dance I
- DAN142 - Traditional Hawaiian Dance II
- DAN145 - Traditional Samoan Siva Dance I
- DAN146 - Traditional Samoan Siva Dance II
- DAN150 - Beginning Theatre Dance I
- DAN151 - Beginning Theatre Dance II
- HPE101AA - Beginning Baseball I
- HPE101AB - Beginning Varsity Baseball I
- HPE101AC - Beginning Basketball I
- HPE101AE - Beginning Varsity Softball I
- HPE101AF - Beginning Varsity Volleyball I
- HPE101AG - Beginning Varsity Basketball I
- HPE101AH - Mountain Bike Riding I
- HPE201AJ - Advanced Aerobics I
- HPE101AL - Beginning Tai Chi Ch'uan I
- HPE101AM - Beginning Varsity Golf I
- HPE101AN - Beginning Varsity Tennis I
- HPE101AO - Beginning Physioball I
- HPE101AP - Pilates for Fun and Fitness I
- HPE101AP - Pilates for Fun and Fitness I
- HPE101AU - Beginning Mixed Martial Arts I
- HPE101AY - Beginning Hatha Yoga I
- HPE101AZ - Beginning Chi Gong I
- HPE101BA - Beginning Swim Aerobics I
- HPE101BB - Beginning Strength and Flexibility Training I
- HPE101BC - Beginning Power Walking I
- HPE101BD - Beginning Softball I
- HPE101C - Beginning Body Conditioning I
- HPE101G - Beginning Golf I
- HPE101H - Beginning Hiking I
- HPE101N - Beginning Cheerleading I
- HPE101Q - Beginning Swimming I
- Untitled Course
- HPE101SB - Beginning Varsity Soccer I
- HPE101X - Beginning Volleyball I
- HPE101Y - Beginning Weights I
- HPE102AA - Beginning Baseball II
- HPE102AB - Beginning Varsity Baseball II
- HPE102AC - Beginning Basketball II
- HPE102AE - Beginning Varsity Softball II
- HPE102AF - Beginning Varsity Volleyball II
- HPE102AG - Beginning Varsity Basketball II
- HPE102AJ - Beginning Aerobics II
- HPE102AL - Beginning Tai Chi Ch'uan II
- HPE102AM - Beginning Varsity Golf II
- HPE102AN - Beginning Varsity Tennis II
- HPE102AO - Beginning Physioball II
- HPE102AP - Pilates for Fun and Fitness II
- HPE102AY - Beginning Hatha Yoga II
- HPE102AZ - Beginning Chi Gong II
- HPE102BA - Beginning Swim Aerobics II
- HPE102BB - Beginning Strength and Flexibility Training II
- HPE102BC - Beginning Power Walking II
- HPE102BD - Beginning Softball II
- HPE102C - Beginning Body Conditioning II
- HPE102G - Beginning Golf II
- HPE102H - Beginning Hiking II
- HPE102N - Beginning Cheerleading II
- HPE102Q - Beginning Swimming II
- HPE102SA - Beginning Soccer II
- HPE102SB - Beginning Varsity Soccer II
- HPE102X - Beginning Volleyball II
- HPE102Y - Beginning Weights II
- HPE104 - Physical Conditioning and Assessment I
- HPE105 - Physical Conditioning and Assessment II
- HPE170 - Lifeguard Training

- HPE201AA - Advanced Baseball I
- HPE201AB - Advanced Varsity Baseball I
- HPE201AC - Advanced Basketball I
- HPE201AE - Advanced Varsity Softball I
- HPE201AF - Advanced Varsity Volleyball I
- HPE201AG - Advanced Varsity Basketball I
- HPE201AJ - Advanced Aerobics I
- HPE201AM - Advanced Varsity Golf I
- HPE201AN - Advanced Varsity Tennis I
- HPE201AN - Advanced Varsity Tennis I
- HPE201AN - Advanced Varsity Tennis I
- HPE201AN - Advanced Varsity Tennis I
- HPE201AN - Advanced Varsity Tennis I
- HPE201AN - Advanced Varsity Tennis I
- HPE201AY - Advanced Hatha Yoga I
- HPE201AZ - Advanced Chi Gong I
- HPE201BA - Advanced Swim Aerobics I
- HPE201BB - Advanced Strength and Flexibility Training I
- HPE201BC - Advanced Power Walking I
- HPE201BD - Advanced Softball I
- HPE201C - Advanced Body Conditioning I
- HPE201G - Advanced Golf I
- HPE201N - Advanced Cheerleading I
- HPE201Q - Advanced Swimming I
- HPE201SA - Advanced Soccer I
- HPE201SB - Advanced Varsity Soccer I
- HPE201X - Advanced Volleyball I
- HPE201Y - Advanced Weights I
- HPE202AA - Advanced Baseball II
- HPE202AB - Advanced Varsity Baseball II
- HPE202AC - Advanced Basketball II
- HPE202AE - Advanced Varsity Softball II
- HPE202AF - Advanced Varsity Volleyball II
- HPE202AG - Advanced Varsity Basketball II
- HPE202AJ - Advanced Aerobics II
- HPE202AM - Advanced Varsity Golf II
- HPE202AN - Advanced Varsity Tennis II
- HPE202AY - Advanced Hatha Yoga II
- HPE202AZ - Advanced Chi Gong II
- HPE202BA - Advanced Swim Aerobics II
- HPE202BB - Advanced Strength and Flexibility Training II
- HPE202BC - Advanced Power Walking II
- HPE202BD - Advanced Softball II
- HPE202C - Advanced Body Conditioning II
- HPE202G - Advanced Golf II
- HPE202N - Advanced Cheerleading II
- HPE202Q - Advanced Swimming II
- HPE202SA - Advanced Soccer II
- HPE202SB - Advanced Varsity Soccer II
- HPE202X - Advanced Volleyball II
- HPE202Y - Advanced Weights II
- HPE204 - Physical Conditioning and Assessment III
- HPE205 - Physical Conditioning and Assessment IV
- HPE260 - Principles of Officiating
- ART133 - World Art I
- ART134 - World Art II
- ECE281 - Childrens Literature
- EDU281 - Children's Literature (Inactive)
- ENG201 - World Literature I
- ENG202 - World Literature II
- ENG218 - Writing About Literature
- ENG221 - English Literature I
- ENG222 - English Literature II
- ENG241 - American Literature I
- ENG242 - American Literature II
- ENG280 - Introduction to Literature
- ENG281 - Children's Literature (Inactive)
- MDC100 - Introduction to Film Studies
- MDC115 - Cinematic Storytelling
- MDC200 - Film History
- MDC220 - Principles of Filmmaking
- MUS101 - World of Music
- THC105 - Introduction to Theatre
- AST103 - Introduction to Astronomy
- BIO100 - Biology Concepts
- BIO105 - Environmental Biology
- BIO160 - Introduction to Human Anatomy and Physiology
- BIO181 - General Biology I
- BIO182 - General Biology II
- BIO201 - Human Anatomy and Physiology I
- BIO202 - Human Anatomy and Physiology II
- BIO205 - Microbiology
- BIO226 - Ecology
- CHM130 - Fundamental Chemistry
- CHM138 - An Introduction to General, Organic, and Biological Chemistry
- CHM151 - General Chemistry I
- CHM152 - General Chemistry II
- CHM235 - General Organic Chemistry I
- CHM236 - General Organic Chemistry II
- GLG101 - Physical Geology
- GLG102 - Historical Geology
- GLG110 - Geologic Hazards and Disasters
- PHY107 - Physical Concepts
- PHY111 - General Physics I
- PHY112 - General Physics II
- PHY211 - Physics with Calculus I
- PHY212 - Physics with Calculus II
- ASL101 - Beginning American Sign Language I
- ASL102 - Beginning American Sign Language II
- FRE101 - Elementary French I
- FRE102 - Elementary French II
- FRE201 - Intermediate French I
- FRE202 - Intermediate French II
- SPA101 - Elementary Spanish I
- SPA102 - Elementary Spanish II
- SPA201 - Intermediate Spanish I
- SPA202 - Intermediate Spanish II
- BUS111 - Business Mathematical Calculations
- MAT100 - Applied Mathematics
- MAT121 - Intermediate Algebra
- MAT140 - College Mathematics
- Untitled Course
- MAT160 - Introduction to Statistics
- MAT181 - Precalculus Trigonometry
- MAT210 - Elements of Calculus
- MAT221 - Calculus I
- MAT231 - Calculus II
- MAT241 - Calculus III
- MAT261 - Differential Equations
- PSY220 - Introduction to Statistics
- AJS101 - Introduction to Criminal Justice
- AJS225 - Criminology
- BUA210 - Society and Business
- BUA221 - Principles of Macroeconomics
- BUA223 - Principles of Microeconomics
- BUS251 - Human Relations
- COM115 - Introduction to Interpersonal Communication
- COM201 - Public Speaking
- COM260 - Elements of Intercultural Communication
- ECE171 - Child Growth and Development
- EDU200 - Introduction to Education
- HHP100 - Personal Health
- HIS101 - U.S. History to 1877
- HIS102 - U.S. History Since 1865
- HIS104 - The Development of Europe to 1650
- HIS105 - Modern Europe Since 1550
- HIS111 - History of China to 1600
- HIS112 - History of China 1600 to Present
- HIS221 - Mexican American History and Culture
- MDC102 - Introduction to Media Communications
- POS110 - United States National Politics
- POS120 - World Politics
- PSY101 - Introduction to Psychology
- PSY171 - Child Growth and Development
- PSY230 - Social Psychology
- PSY240 - Abnormal Psychology
- PSY250 - Developmental Psychology
- PSY270 - Experimental Psychology
- SOC101 - Introduction to Sociology
- SOC110 - Marriage and the Family
- SOC201 - Social Problems
- SOC210 - Racial and Ethnic Relations

### Arts and Humanities (Transfer)

Complete ANY:

- ART133 - World Art I
- ART134 - World Art II
- ECE281 - Childrens Literature
- ENG201 - World Literature I
- ENG202 - World Literature II
- ENG218 - Writing About Literature
- ENG221 - English Literature I
- ENG222 - English Literature II
- ENG241 - American Literature I
- ENG242 - American Literature II
- ENG280 - Introduction to Literature
- ENG281 - Children's Literature (Inactive)
- MDC100 - Introduction to Film Studies
- MDC115 - Cinematic Storytelling
- MDC200 - Film History
- MDC220 - Principles of Filmmaking
- MUS101 - World of Music
- THC105 - Introduction to Theatre

### English AA Degree (Arts & Humanities)

Complete ANY:

- ART133 - World Art I
- ART134 - World Art II
- MUS101 - World of Music
- THC105 - Introduction to Theatre

## Humanities Fine Arts Gen Ed (Transfer)

Complete ALL:

- ART133 - World Art I
- ART134 - World Art II
- ECE281 - Childrens Literature
- EDU281 - Children's Literature (Inactive)
- ENG201 - World Literature I
- ENG202 - World Literature II
- ENG218 - Writing About Literature
- ENG221 - English Literature I
- ENG222 - English Literature II
- ENG241 - American Literature I
- ENG242 - American Literature II
- ENG280 - Introduction to Literature
- ENG281 - Children's Literature (Inactive)
- MDC100 - Introduction to Film Studies
- MDC115 - Cinematic Storytelling
- MDC200 - Film History
- MDC220 - Principles of Filmmaking
- MUS101 - World of Music
- THC105 - Introduction to Theatre

## Social Science (Transfer)

Complete ANY:

- AJS225 - Criminology
- BUA210 - Society and Business
- BUA221 - Principles of Macroeconomics
- BUA223 - Principles of Microeconomics
- COM115 - Introduction to Interpersonal Communication
- COM201 - Public Speaking
- COM260 - Elements of Intercultural Communication
- ECE171 - Child Growth and Development
- EDU200 - Introduction to Education
- HHP100 - Personal Health
- HIS101 - U.S. History to 1877
- HIS102 - U.S. History Since 1865
- HIS104 - The Development of Europe to 1650
- HIS105 - Modern Europe Since 1550
- HIS111 - History of China to 1600
- HIS112 - History of China 1600 to Present
- HIS221 - Mexican American History and Culture
- MDC102 - Introduction to Media Communications
- POS110 - United States National Politics
- POS120 - World Politics
- PSY101 - Introduction to Psychology
- PSY171 - Child Growth and Development
- PSY230 - Social Psychology
- PSY240 - Abnormal Psychology
- PSY250 - Developmental Psychology
- PSY270 - Experimental Psychology
- SOC101 - Introduction to Sociology
- SOC110 - Marriage and the Family
- SOC201 - Social Problems
- SOC210 - Racial and Ethnic Relations
- AJS101 - Introduction to Criminal Justice

## Language Gen Ed (AAS)

Complete ALL:

- ASL101 - Beginning American Sign Language I
- ASL102 - Beginning American Sign Language II
- FRE101 - Elementary French I
- FRE102 - Elementary French II
- FRE201 - Intermediate French I
- FRE202 - Intermediate French II
- SPA101 - Elementary Spanish I
- SPA102 - Elementary Spanish II
- SPA201 - Intermediate Spanish I
- SPA202 - Intermediate Spanish II

## Written and Oral Communication (AAS Degrees)

Complete ANY:

- ENG101 - Written Communications I
- ENG102 - Written Communications II
- BUA259 - Business Communications
- COM100 - Introduction to Human Communication
- COM115 - Introduction to Interpersonal Communication
- COM201 - Public Speaking
- COM260 - Elements of Intercultural Communication
- ASL101 - Beginning American Sign Language I
- ASL102 - Beginning American Sign Language II
- FRE101 - Elementary French I
- FRE102 - Elementary French II
- FRE201 - Intermediate French I
- FRE202 - Intermediate French II
- SPA101 - Elementary Spanish I
- SPA102 - Elementary Spanish II
- SPA201 - Intermediate Spanish I

- SPA202 - Intermediate Spanish II

## Options (Transfer)

Complete ANY:

- AJS101 - Introduction to Criminal Justice
- AJS225 - Criminology
- ART133 - World Art I
- ART134 - World Art II
- ASL101 - Beginning American Sign Language I
- ASL102 - Beginning American Sign Language II
- AST103G - Lab Introduction to Astronomy
- BIO100 - Biology Concepts
- BIO105 - Environmental Biology
- BIO160 - Introduction to Human Anatomy and Physiology
- BIO181 - General Biology I
- BIO182 - General Biology II
- BIO201 - Human Anatomy and Physiology I
- BIO202 - Human Anatomy and Physiology II
- BIO205 - Microbiology
- BIO226 - Ecology
- BUA210 - Society and Business
- BUA221 - Principles of Macroeconomics
- BUA223 - Principles of Microeconomics
- CHM130 - Fundamental Chemistry
- CHM138 - An Introduction to General, Organic, and Biological Chemistry
- CHM151 - General Chemistry I
- CHM152G - Lab General Chemistry II
- CHM235 - General Organic Chemistry I
- CHM236 - General Organic Chemistry II
- CMP103 - Introduction to Computer Based Systems
- COM115 - Introduction to Interpersonal Communication
- COM201 - Public Speaking
- COM215 - Interviewing Principles and Practices
- COM260 - Elements of Intercultural Communication
- ECE171 - Child Growth and Development
- ECE281 - Childrens Literature
- EDU200 - Introduction to Education
- EDU281 - Children's Literature (Inactive)
- ENG101 - Written Communications I
- ENG102 - Written Communications II
- ENG201 - World Literature I
- ENG202 - World Literature II
- ENG217 - Writing Reflective Essays
- ENG218 - Writing About Literature
- ENG221 - English Literature I
- ENG241 - American Literature I
- ENG242 - American Literature II
- ENG280 - Introduction to Literature
- ENG281 - Children's Literature (Inactive)
- FRE101 - Elementary French I
- FRE102 - Elementary French II
- FRE201 - Intermediate French I
- FRE202 - Intermediate French II
- GLG101 - Physical Geology
- GLG102 - Historical Geology
- GLG110 - Geologic Hazards and Disasters
- HHP100 - Personal Health
- HIS101 - U.S. History to 1877
- HIS102 - U.S. History Since 1865
- HIS104 - The Development of Europe to 1650
- HIS105 - Modern Europe Since 1550
- HIS111 - History of China to 1600
- HIS112 - History of China 1600 to Present
- HIS221 - Mexican American History and Culture
- MAT140 - College Mathematics
- Untitled Course
- MAT160 - Introduction to Statistics
- MAT181 - Precalculus Trigonometry
- MAT210 - Elements of Calculus
- MAT221 - Calculus I
- MAT231 - Calculus II
- MAT241 - Calculus III
- MAT261 - Differential Equations
- MDC100 - Introduction to Film Studies
- MDC102 - Introduction to Media Communications
- MDC115 - Cinematic Storytelling
- MDC200 - Film History
- MDC220 - Principles of Filmmaking
- MUS101 - World of Music
- PHY107 - Physical Concepts
- PHY111 - General Physics I
- PHY112 - General Physics II
- PHY211 - Physics with Calculus I
- PHY212 - Physics with Calculus II
- POS110 - United States National Politics
- POS120 - World Politics
- PSY101 - Introduction to Psychology
- PSY171 - Child Growth and Development
- PSY220 - Introduction to Statistics
- PSY230 - Social Psychology

- PSY240 - Abnormal Psychology
- PSY250 - Developmental Psychology
- PSY270 - Experimental Psychology
- SOC101 - Introduction to Sociology
- SOC110 - Marriage and the Family
- SOC201 - Social Problems
- SOC210 - Racial and Ethnic Relations
- SPA101 - Elementary Spanish I
- SPA102 - Elementary Spanish II
- SPA202 - Intermediate Spanish II
- THC105 - Introduction to Theatre
- ENG222 - English Literature II

## Health and Physical Education (AAS Degrees)

Complete ANY:

- DAN103 - Beginning Ballroom Dance I
- DAN104 - Beginning Ballroom Dance II
- DAN110 - Beginning Folk Dance I
- DAN111 - Beginning Folk Dance II
- DAN120 - Beginning Modern Dance I
- DAN121 - Beginning Modern Dance II
- DAN122 - Beginning Jazz Dance I
- DAN123 - Beginning Jazz Dance II
- DAN132 - Beginning Ballet I
- DAN133 - Beginning Ballet II
- DAN141 - Traditional Hawaiian Dance I
- DAN142 - Traditional Hawaiian Dance II
- DAN145 - Traditional Samoan Siva Dance I
- DAN146 - Traditional Samoan Siva Dance II
- DAN150 - Beginning Theatre Dance I
- DAN151 - Beginning Theatre Dance II
- DAN203 - Intermediate Ballroom Dance I
- DAN204 - Intermediate Ballroom Dance II
- DAN210 - Intermediate Folk Dance I
- DAN211 - Intermediate Folk Dance II
- DAN222 - Intermediate Jazz Dance I
- DAN223 - Intermediate Jazz Dance II
- DAN232 - Intermediate Ballet I
- DAN233 - Intermediate Ballet II
- DAN240 - Dance Repertory
- DAN250 - Intermediate Theatre Dance I
- DAN251 - Intermediate Theatre Dance II
- HPE104 - Physical Conditioning and Assessment I
- HPE105 - Physical Conditioning and Assessment II
- HPE204 - Physical Conditioning and Assessment III
- HPE205 - Physical Conditioning and Assessment IV

## CMP Gen Ed (AAS)

Complete ALL:

- CMP101 - Introduction to Computers
- CMP103 - Introduction to Computer Based Systems
- CMP121 - Visual Basic Programming I
- CMP128 - C# Programming I

## Elective (AAS)

Complete ANY:

- AGR102 - Animal Industry
- AGR135 - Conservation and Natural Resources
- AGR200 - Soil Science
- AGR230 - Gardening and Landscaping
- AGR285 - Establishing and Running an Agribusiness
- AGR297 - Workshop
- AGR298 - Workshop
- AGR298B - Workshop Real World Climate Science and Adaptation in the Southwest
- AGR299 - Independent Study
- AIS108 - Introduction to Keyboarding Technique
- AIS117 - Electronic Keyboarding I
- AIS118 - Electronic Keyboarding II
- AIS214 - The Office Professional
- AIS237 - Word Processing Applications
- AIS238 - Advanced Office Applications
- AIS240 - Desktop Publishing
- AIS241 - Integrated Business Projects
- AIS297 - Workshop
- AIS298 - Workshop
- AIS299 - Independent Study
- AJS101 - Introduction to Criminal Justice
- AJS103 - Criminal Investigation
- AJS117 - Law Enforcement Training Academy I
- AJS126 - The Juvenile Function
- AJS130 - The Correction Function
- AJS202 - Substantive Criminal Law
- AJS217 - Law Enforcement Training Academy II
- AJS220 - Procedural Criminal Law
- AJS225 - Criminology
- AJS254 - Crime Control
- AJS266 - The Police Function
- AJS282 - Police Supervision
- AJS297 - Workshop
- AJS297A - Workshop Conversational Spanish for Law Enforcement
- AJS297B - Workshop Basic Personal SelfDefense
- AJS297C - Workshop Defensive Tactics for Law Enforcement
- AJS297D - Workshop AZPOST General Instructor
- AJS297E - Workshop Citizen Police Awareness
- AJS297O - Workshop AZPOST General Instructor
- AMT100 - Introduction to Machining Processes
- AMT101 - Fundamentals of Machining
- AMT102 - Materials for Industry
- AMT104 - Machining and Fabrication
- AMT110 - Introduction to Fab Lab Technology
- AMT111 - Fab Lab Workshop I
- AMT140 - INTRO TO CNC PROGRAMMING (Inactive)
- AMT211 - Fab Lab Workshop II
- AMT220 - Advanced Manufacturing Methods
- AMT240 - Advanced Manufacturing Production Processes
- ANT299D - IN ST FLD METHD MAYA (Inactive)
- APA298 - Workshop
- APA299 - Independent Study
- ART101 - Fundamentals of Design
- ART102 - Color and Design
- ART104 - 3D Design
- ART111 - Drawing
- ART111B - Drawing/The Creative Process
- ART114 - Figure Drawing for Art Majors
- ART122 - Beginning Stained Glass I
- ART123 - Beginning Stained Glass II
- ART124 - INTRODUCTION TO GEMOLOGY
- ART128 - Beginning Digital Photography
- ART133 - World Art I
- ART134 - World Art II
- ART141 - Mixed Media Techniques in Contemporary Painting
- ART143 - Beginning Acrylic Painting I
- ART144 - Beginning Acrylic Painting II
- ART145 - Beginning Watercolor I
- ART146 - Beginning Watercolor II
- ART147 - Beginning Oil Painting I
- ART148 - Beginning Oil Painting II
- ART151 - Beginning Sculpture I
- ART152 - Beginning Sculpture II
- ART153 - Beginning Scrapbooking I
- ART154 - Beginning Scrapbooking II
- ART159 - China Painting
- ART161 - Beginning Ceramics I
- ART162 - Beginning Ceramics II
- ART171 - Beginning Crafts I
- ART171A - Beginning Crafts I Tole Painting
- ART171B - Beginning Crafts I Nativity
- ART171D - Beginning Crafts I Taxidermy
- ART172 - Beginning Crafts II
- ART172A - Beginning Crafts II Tole Painting
- ART172B - Beginning Crafts II Nativity
- ART172D - Beginning Crafts II Taxidermy
- ART173 - Beginning Jewelry I
- ART174 - Beginning Jewelry II
- ART176 - Beginning Gem Faceting I
- ART177 - Beginning Gem Faceting II
- ART178 - Beginning Lapidary I
- ART179 - Beginning Lapidary II
- ART181 - Graphic Design I
- ART182 - Graphic Design II
- ART186 - Digital Illustration
- ART187 - Beginning Photoshop
- ART188 - Digital Publishing
- ART189 - Typography
- ART190 - Beginning Fibers I
- ART191 - Beginning Fibers II
- ART216 - Illustration I
- ART217 - Illustration II
- ART222 - Intermediate Stained Glass I
- ART223 - Intermediate Stained Glass II
- BIO299J - Independent Study: Establishing and Monitoring of a Riparian Ecosystem Mode
- BIO300 - Biostatistics
- BLC101 - Masonry I
- BLC113 - Blueprint Reading for Masonry
- BLC151 - Masonry II
- BLC201 - Masonry III
- BLD101 - Beginning Carpentry
- BLD102 - Building Painting, Interior and Exterior
- BLD104 - Electrical Maintenance and Repair
- BLD105 - General Maintenance Carpentry
- BLD106 - Drywall Installation and Repairs
- BLD112 - Blueprint Reading for Construction
- BLD112 - Blueprint Reading for Construction
- BLD120 - Concrete Work
- BLD130 - Forming and Framing
- BLD130A - FORMING AND FRAMING FLOORS
- BLD130B - FORMING AND FRAMING WALLS & ROOFS
- BLD130C - FORMING AND FRAMING STAIRS
- BLD132 - Residential Framing
- BLD141 - Building Painting



- ENG241 - American Literature I
- ENG242 - American Literature II
- ENG280 - Introduction to Literature
- ENG281 - Children's Literature (Inactive)
- FRE101 - Elementary French I
- FRE102 - Elementary French II
- FRE201 - Intermediate French I
- FRE202 - Intermediate French II
- Untitled Course
- HHP100 - Personal Health
- HIS101 - U.S. History to 1877
- HIS102 - U.S. History Since 1865
- HIS104 - The Development of Europe to 1650
- HIS105 - Modern Europe Since 1550
- HIS111 - History of China to 1600
- HIS112 - History of China 1600 to Present
- HIS221 - Mexican American History and Culture
- MDC102 - Introduction to Media Communications
- MUS101 - World of Music
- POS110 - United States National Politics
- POS120 - World Politics
- PSY101 - Introduction to Psychology
- PSY171 - Child Growth and Development
- PSY230 - Social Psychology
- PSY240 - Abnormal Psychology
- PSY250 - Developmental Psychology
- PSY270 - Experimental Psychology
- SOC101 - Introduction to Sociology
- SOC110 - Marriage and the Family
- SOC201 - Social Problems
- SOC210 - Racial and Ethnic Relations
- SPA101 - Elementary Spanish I
- SPA102 - Elementary Spanish II
- SPA201 - Intermediate Spanish I
- SPA202 - Intermediate Spanish II
- THC105 - Introduction to Theatre

## Mathematics Gen Ed (Transfer)

Complete ANY:

- MAT140 - College Mathematics
- Untitled Course
- MAT160 - Introduction to Statistics
- MAT181 - Precalculus Trigonometry
- MAT210 - Elements of Calculus
- MAT221 - Calculus I
- MAT231 - Calculus II
- MAT241 - Calculus III
- MAT261 - Differential Equations
- PSY220 - Introduction to Statistics

## English AA Degree (Literature Curriculum Requirements)

Complete ANY:

## Quantitative Reasoning (Transfer)

Complete ANY:

- BUA220 - Business Statistics
- MAT140 - College Mathematics
- MAT151 - Precalculus Algebra
- MAT160 - Introduction to Statistics
- MAT171 - Finite Mathematics (Inactive)
- MAT181 - Precalculus Trigonometry
- MAT210 - Elements of Calculus
- MAT221 - Calculus I
- MAT225 - Elementary Linear Algebra
- MAT231 - Calculus II
- MAT241 - Calculus III
- MAT261 - Differential Equations
- PSY220 - Introduction to Statistics

## English Gen Ed (AAS)

Complete ALL:

- BUA259 - Business Communications
- ENG100 - Writing Fundamentals
- ENG101 - Written Communications I
- ENG102 - Written Communications II
- ENG217 - Writing Reflective Essays

## MAT 210 or Higher Gen Ed (Transfer)

Complete ALL:

- MAT210 - Elements of Calculus
- MAT221 - Calculus I
- MAT225 - Elementary Linear Algebra
- MAT231 - Calculus II
- MAT241 - Calculus III
- MAT261 - Differential Equations

## 20107 Applied Computer Science (Curriculum Related)

Complete ANY:

- CIS201 - Securing Server Systems
- CIS211 - Cyber Security Technician II
- CMP145 - iOS Application Development I
- CMP272 - Website Development I
- CMP273 - Website Development II

## Quantitative Reasoning (AAS Degrees)

Complete ANY:

- BUA220 - Business Statistics
- BUS111 - Business Mathematical Calculations
- MAT100 - Applied Mathematics
- MAT121 - Intermediate Algebra
- MAT140 - College Mathematics
- MAT151 - Precalculus Algebra
- MAT160 - Introduction to Statistics
- MAT171 - Finite Mathematics (Inactive)
- MAT181 - Precalculus Trigonometry
- MAT210 - Elements of Calculus
- MAT221 - Calculus I
- MAT225 - Elementary Linear Algebra
- MAT231 - Calculus II
- MAT241 - Calculus III
- MAT261 - Differential Equations
- PSY220 - Introduction to Statistics

## Social and Behavioral Sciences (AAS Degrees)

Complete ANY:

- AJS101 - Introduction to Criminal Justice
- AJS225 - Criminology
- BUA210 - Society and Business
- BUA221 - Principles of Macroeconomics
- BUA221 - Principles of Macroeconomics
- BUA223 - Principles of Microeconomics
- BUS251 - Human Relations
- ECE171 - Child Growth and Development
- EDU200 - Introduction to Education
- HHP100 - Personal Health
- HIS101 - U.S. History to 1877
- HIS102 - U.S. History Since 1865
- HIS104 - The Development of Europe to 1650
- HIS105 - Modern Europe Since 1550
- HIS111 - History of China to 1600
- HIS112 - History of China 1600 to Present
- HIS221 - Mexican American History and Culture
- MDC102 - Introduction to Media Communications
- POS110 - United States National Politics
- POS120 - World Politics
- PSY101 - Introduction to Psychology
- PSY171 - Child Growth and Development
- PSY230 - Social Psychology
- PSY240 - Abnormal Psychology
- PSY250 - Developmental Psychology
- PSY270 - Experimental Psychology
- SOC101 - Introduction to Sociology
- SOC110 - Marriage and the Family
- SOC201 - Social Problems
- SOC210 - Racial and Ethnic Relations
- SSE110 - Introduction to Social Work

## 60403 Music - Ensemble Participation Requirements

Complete ALL:

## Written and Oral Communication (Transfer)

Complete ALL:

- ENG101 - Written Communications I
- ENG102 - Written Communications II
- COM115 - Introduction to Interpersonal Communication

## Social and Behavioral Sciences (Transfer)

Complete ANY:

- AJS101 - Introduction to Criminal Justice
- AJS225 - Criminology
- BUA210 - Society and Business
- BUA221 - Principles of Macroeconomics
- BUA223 - Principles of Microeconomics
- ECE171 - Child Growth and Development
- EDU200 - Introduction to Education
- HHP100 - Personal Health
- HIS101 - U.S. History to 1877
- HIS102 - U.S. History Since 1865
- HIS104 - The Development of Europe to 1650
- HIS105 - Modern Europe Since 1550
- HIS111 - History of China to 1600

- HIS112 - History of China 1600 to Present
- HIS221 - Mexican American History and Culture
- MDC102 - Introduction to Media Communications
- POS110 - United States National Politics
- POS120 - World Politics
- PSY101 - Introduction to Psychology
- PSY171 - Child Growth and Development
- PSY230 - Social Psychology
- PSY240 - Abnormal Psychology
- PSY250 - Developmental Psychology
- PSY270 - Experimental Psychology
- SOC101 - Introduction to Sociology
- SOC110 - Marriage and the Family
- SOC201 - Social Problems
- SOC210 - Racial and Ethnic Relations
- SSE110 - Introduction to Social Work

## Natural Sciences (Transfer)

Complete ANY:

- AGR111 - Principles of Plant Science
- AGR135 - Conservation and Natural Resources
- AST103 - Introduction to Astronomy
- BIO100 - Biology Concepts
- BIO105 - Environmental Biology
- BIO160 - Introduction to Human Anatomy and Physiology
- BIO181 - General Biology I
- BIO182 - General Biology II
- BIO201 - Human Anatomy and Physiology I
- BIO202 - Human Anatomy and Physiology II
- BIO205 - Microbiology
- BIO226 - Ecology
- BIO295 - Undergraduate Biological Research
- CHM130 - Fundamental Chemistry
- CHM138 - An Introduction to General, Organic, and Biological Chemistry
- CHM151 - General Chemistry I
- CHM152 - General Chemistry II
- CHM235 - General Organic Chemistry I
- CHM236 - General Organic Chemistry II
- ENV101 - Environmental Science
- FOR101 - Introduction to Forestry
- GLG101 - Physical Geology
- GLG102 - Historical Geology
- GLG110 - Geologic Hazards and Disasters
- GLG118 - Geology of Arizona
- PHY107 - Physical Concepts
- PHY111 - General Physics I
- PHY112 - General Physics II
- PHY211 - Physics with Calculus I
- PHY212 - Physics with Calculus II

## Computers (AAS Degrees)

Complete ANY:

- CMP101 - Introduction to Computers
- CMP103 - Introduction to Computer Based Systems
- CMP121 - Visual Basic Programming I
- CMP128 - C# Programming I

## Radiologic Technologist Prerequisite Courses

Complete ALL:

- BIO201 - Human Anatomy and Physiology I
- BIO202 - Human Anatomy and Physiology II
- CHM130 - Fundamental Chemistry
- MAT151 - Precalculus Algebra

## AAS Math - BUS 111, MAT 100 or higher

Complete ALL:

- BUS111 - Business Mathematical Calculations
- MAT100 - Applied Mathematics
- MAT121 - Intermediate Algebra
- MAT140 - College Mathematics
- Untitled Course
- MAT156 - Principles of Mathematics I
- MAT157 - Principles of Mathematics II
- MAT160 - Introduction to Statistics
- MAT181 - Precalculus Trigonometry
- MAT210 - Elements of Calculus
- MAT221 - Calculus I
- MAT225 - Elementary Linear Algebra
- MAT231 - Calculus II
- MAT241 - Calculus III
- MAT261 - Differential Equations
- PSY220 - Introduction to Statistics

## Intensive Writing Gen Ed (Transfer)

Complete ANY:

- CHM235 - General Organic Chemistry I

- CHM236 - General Organic Chemistry II
- COM215 - Interviewing Principles and Practices
- COM250 - Introduction to Public Relations
- COM260 - Elements of Intercultural Communication
- ENG201 - World Literature I
- ENG202 - World Literature II
- ENG217 - Writing Reflective Essays
- ENG218 - Writing About Literature
- ENG221 - English Literature I
- ENG222 - English Literature II
- ENG241 - American Literature I
- ENG242 - American Literature II
- ENG243 - Introduction to Writing Family History
- ENG280 - Introduction to Literature
- HIS221 - Mexican American History and Culture
- PSY270 - Experimental Psychology

## Humanities Gen Ed (Transfer)

Complete ANY:

- ART133 - World Art I
- ART134 - World Art II
- ECE281 - Childrens Literature
- EDU281 - Children's Literature (Inactive)
- ENG201 - World Literature I
- ENG202 - World Literature II
- ENG218 - Writing About Literature
- ENG221 - English Literature I
- ENG222 - English Literature II
- ENG241 - American Literature I
- ENG242 - American Literature II
- ENG280 - Introduction to Literature
- ENG281 - Children's Literature (Inactive)
- MDC100 - Introduction to Film Studies
- MDC115 - Cinematic Storytelling
- MDC200 - Film History
- MDC220 - Principles of Filmmaking
- MUS101 - World of Music
- THC105 - Introduction to Theatre

## Lab Science Gen Ed (AAS)

Complete ANY:

- AST103 - Introduction to Astronomy
- BIO100 - Biology Concepts
- BIO105 - Environmental Biology
- BIO160 - Introduction to Human Anatomy and Physiology
- BIO181 - General Biology I
- BIO182 - General Biology II
- BIO201 - Human Anatomy and Physiology I
- BIO202 - Human Anatomy and Physiology II
- BIO205 - Microbiology
- BIO226 - Ecology
- CHM130 - Fundamental Chemistry
- CHM138 - An Introduction to General, Organic, and Biological Chemistry
- CHM151 - General Chemistry I
- CHM152 - General Chemistry II
- CHM235 - General Organic Chemistry I
- CHM236 - General Organic Chemistry II
- GLG101 - Physical Geology
- GLG102 - Historical Geology
- GLG110 - Geologic Hazards and Disasters
- PHY107 - Physical Concepts
- PHY111 - General Physics I
- PHY112 - General Physics II
- PHY211 - Physics with Calculus I
- PHY212 - Physics with Calculus II

## Arts and Humanities (AAS Degree)

Complete ANY:

- ART133 - World Art I
- ART134 - World Art II
- ECE281 - Childrens Literature
- ENG201 - World Literature I
- ENG202 - World Literature II
- ENG218 - Writing About Literature
- ENG221 - English Literature I
- ENG222 - English Literature II
- ENG241 - American Literature I
- ENG242 - American Literature II
- ENG280 - Introduction to Literature
- ENG281 - Children's Literature (Inactive)
- MDC100 - Introduction to Film Studies
- MDC115 - Cinematic Storytelling
- MDC200 - Film History
- MDC220 - Principles of Filmmaking
- MUS101 - World of Music
- THC105 - Introduction to Theatre

test Course set

Complete ALL:

- AMT104 - Machining and Fabrication
- DSL220 - Advanced Diesel Engines
- AIS117 - Electronic Keyboarding I
- BIO100 - Biology Concepts
- BIO100G - Lab Biology Concepts

Elective or Better - [www.aztransfer.com](http://www.aztransfer.com)

Complete ANY:

- AGR102 - Animal Industry
- AGR135 - Conservation and Natural Resources
- AGR200 - Soil Science
- AGR285 - Establishing and Running an Agribusiness
- AGR297 - Workshop
- AJS101 - Introduction to Criminal Justice
- AJS126 - The Juvenile Function
- AJS130 - The Correction Function
- AJS202 - Substantive Criminal Law
- AJS220 - Procedural Criminal Law
- AJS225 - Criminology
- AJS254 - Crime Control
- AJS266 - The Police Function
- AJS282 - Police Supervision
- ART101 - Fundamentals of Design
- ART102 - Color and Design
- ART104 - 3D Design
- ART111 - Drawing
- ART114 - Figure Drawing for Art Majors
- ART128 - Beginning Digital Photography
- ART133 - World Art I
- ART134 - World Art II
- ART141 - Mixed Media Techniques in Contemporary Painting
- ART143 - Beginning Acrylic Painting I
- ART144 - Beginning Acrylic Painting II
- ART145 - Beginning Watercolor I
- ART146 - Beginning Watercolor II
- ART147 - Beginning Oil Painting I
- ART148 - Beginning Oil Painting II
- ART151 - Beginning Sculpture I
- ART152 - Beginning Sculpture II
- ART161 - Beginning Ceramics I
- ART162 - Beginning Ceramics II
- ART172 - Beginning Crafts II
- ART173 - Beginning Jewelry I
- ART174 - Beginning Jewelry II
- ART176 - Beginning Gem Faceting I
- ART177 - Beginning Gem Faceting II
- ART178 - Beginning Lapidary I
- ART179 - Beginning Lapidary II
- ART181 - Graphic Design I
- ART182 - Graphic Design II
- ART186 - Digital Illustration
- ART187 - Beginning Photoshop
- ART188 - Digital Publishing
- ART189 - Typography
- ART190 - Beginning Fibers I
- ART191 - Beginning Fibers II
- ART216 - Illustration I
- ART217 - Illustration II
- ART228 - Intermediate Digital Photography
- ART243 - Intermediate Acrylic Painting I
- ART244 - Intermediate ACRYLIC PAINTING II
- ART245 - Intermediate Watercolor I
- ART246 - Intermediate Watercolor II
- ART247 - Intermediate Oil Painting I
- ART248 - Intermediate Oil Painting II
- ART251 - Intermediate Sculpture I
- ART252 - Intermediate Sculpture II
- ART261 - Intermediate Ceramics I
- ART262 - Intermediate Ceramics II
- ART263 - Firing Techniques I
- ART264 - Firing Techniques II
- ART271 - Intermediate Crafts I
- ART271A - Intermediate Crafts I Toile Painting
- ART272 - Intermediate Crafts II
- ART273 - Intermediate Jewelry I
- ART274 - Intermediate Jewelry II
- ART276 - Intermediate Gem Faceting I
- ART277 - Intermediate Gem Faceting II
- ART278 - Intermediate Lapidary I
- ART279 - Intermediate Lapidary II
- ART285 - Printmaking
- ART287 - Advanced Photoshop
- ART289 - Portfolio Development
- ART290 - Intermediate Fibers I
- ART291 - Intermediate Fibers II
- ART297 - Workshop
- ART298 - Workshop
- ART299 - Independent Study
- ASL101 - Beginning American Sign Language I
- ASL102 - Beginning American Sign Language II
- AST103 - Introduction to Astronomy
- BIO100 - Biology Concepts
- BIO101B - Birds of the Gila Valley
- BIO105 - Environmental Biology
- BIO160 - Introduction to Human Anatomy and Physiology
- BIO181 - General Biology I
- BIO182 - General Biology II
- BIO201 - Human Anatomy and Physiology I
- BIO202 - Human Anatomy and Physiology II
- BIO205 - Microbiology
- BIO226 - Ecology
- BIO235 - GIS Tools in Forestry and the Environment
- BIO295 - Undergraduate Biological Research
- BIO298 - Workshop
- BIO299 - Independent Study
- BUA101 - Introduction to Business
- BUA150 - Introduction to Project Management
- BUA151 - Scheduling and Cost Estimating
- BUA160 - Medical Law and Ethics
- BUA200 - Introduction to Organizational Leadership
- BUA210 - Society and Business
- BUA220 - Business Statistics
- BUA221 - Principles of Macroeconomics
- BUA223 - Principles of Microeconomics
- BUA233 - Uses of Accounting Information I
- BUA243 - Uses of Accounting Information II
- BUA245 - Legal Environment of Business
- BUA259 - Business Communications
- BUA289 - Business Capstone
- BUA297 - Workshop
- BUA298 - Workshop
- BUA299 - Independent Study
- BUS122 - Managing Personal Finances
- BUS171 - International Business
- BUS205 - Accounting with QuickBooks
- BUS211 - Retail Management
- BUS214 - Contemporary Sports Management
- BUS221 - Human Resource Management
- BUS251 - Human Relations
- BUS261 - Fundamentals of Investing
- BUS297 - Workshop
- BUS298 - Workshop
- BUS299 - Independent Study
- CHM130 - Fundamental Chemistry
- CHM138 - An Introduction to General, Organic, and Biological Chemistry
- CHM151 - General Chemistry I
- CHM152 - General Chemistry II
- CHM235 - General Organic Chemistry I
- CHM236 - General Organic Chemistry II
- CHM298 - Workshop
- CHM299 - Independent Study
- CIS170 - Working in Technology
- CIS180 - IT Fundamentals
- CIS220 - Hacking Forensic Investigator
- CIS225 - Network Defender
- CIS235 - Ethical Hacker I
- CIS236 - Ethical Hacker II
- CMP103 - Introduction to Computer Based Systems
- CMP126 - Java Programming I
- CMP128 - C# Programming I
- CMP161 - Electronic Spreadsheet with Microsoft Excel
- CMP201 - Systems and Procedures
- CMP280 - Database Design and Development
- CMP284 - Ethical Hacker I
- CMP297 - Workshop
- CMP298 - Workshop
- COM100 - Introduction to Human Communication
- COM115 - Introduction to Interpersonal Communication
- COM200 - Basic Communication Theory
- COM201 - Public Speaking
- COM205 - Survey of Communication Research
- COM215 - Interviewing Principles and Practices
- COM260 - Elements of Intercultural Communication
- COM271 - Teamwork and Leadership
- COM298 - Workshop
- COM299 - Independent Study
- CSL103 - Leadership Techniques I
- CSL111 - Leadership for Organizational Development
- CSL114 - Leadership Techniques II
- CSL115 - Community Outreach Through Service Learning (Inactive)
- DAN103 - Beginning Ballroom Dance I
- DAN104 - Beginning Ballroom Dance II
- DAN110 - Beginning Folk Dance I
- DAN111 - Beginning Folk Dance II
- DAN120 - Beginning Modern Dance I
- DAN121 - Beginning Modern Dance II
- DAN122 - Beginning Jazz Dance I
- DAN123 - Beginning Jazz Dance II
- DAN132 - Beginning Ballet I

- DAN133 - Beginning Ballet II
- DAN141 - Traditional Hawaiian Dance I
- DAN142 - Traditional Hawaiian Dance II
- DAN145 - Traditional Samoan Siva Dance I
- DAN146 - Traditional Samoan Siva Dance II
- DAN150 - Beginning Theatre Dance I
- DAN151 - Beginning Theatre Dance II
- DAN203 - Intermediate Ballroom Dance I
- DAN204 - Intermediate Ballroom Dance II
- DAN210 - Intermediate Folk Dance I
- DAN211 - Intermediate Folk Dance II
- DAN222 - Intermediate Jazz Dance I
- DAN223 - Intermediate Jazz Dance II
- DAN232 - Intermediate Ballet I
- DAN233 - Intermediate Ballet II
- DAN240 - Dance Repertory
- DAN250 - Intermediate Theatre Dance I
- DAN251 - Intermediate Theatre Dance II
- DAN299 - Independent Study
- DRF154 - Introduction to AutoCAD
- DRF271 - Advanced AutoCAD
- ECE100 - Foundations of Early Childhood Education
- ECE105 - Health, Safety, and Nutrition
- ECE110 - Infants and Toddlers Development
- ECE120 - Guiding Childrens Social Development
- ECE150 - Practicum: Direct Field Experience Birth to Preschool
- ECE171 - Child Growth and Development
- ECE210 - Home, School, and Community Relations
- ECE220 - Introduction to Early Childhood Special Education
- ECE240 - Child Development Portfolio and Assessment Preparation
- ECE281 - Childrens Literature
- EDU200 - Introduction to Education
- EDU222 - Introduction to Special Education
- EDU230 - Cultural Diversity in Education
- EDU234 - Elementary ESL/SEI Methods
- EDU281 - Children's Literature (Inactive)
- EGR102 - Introduction to Engineering
- EGR130 - C# Programming I (Inactive)
- EGR150 - Digital Design Fundamentals
- EGR200 - Introduction to Mining Engineering
- EGR214 - Engineering Mechanics I Statics
- EGR215 - Engineering Mechanics II Dynamics
- EGR220 - Circuits I
- EGR233 - Mechanics of Materials
- EGR250 - Plane Surveying
- EGR255 - Thermodynamics
- EGR296A - Mineral Resource Engineering Seminar
- EMT122 - First Aid and CPR
- ENG101 - Written Communications I
- ENG102 - Written Communications II
- ENG111 - Written Communications II Lab
- ENG113 - College Reading
- ENG131 - Introduction to Creative Writing
- ENG143 - Personal History Writing Made Easy
- ENG201 - World Literature I
- ENG202 - World Literature II
- ENG217 - Writing Reflective Essays
- ENG218 - Writing About Literature
- ENG221 - English Literature I
- ENG222 - English Literature II
- ENG230 - Publications I
- ENG231 - Publications II
- ENG232 - Poetry Writing
- ENG233 - Advanced Poetry Writing
- ENG234 - Short Story Writing
- ENG241 - American Literature I
- ENG242 - American Literature II
- ENG243 - Introduction to Writing Family History
- ENG280 - Introduction to Literature
- ENG281 - Children's Literature (Inactive)
- ENG298 - Workshop
- ENG299 - Independent Study
- FCR297 - Workshop
- FCR299 - Independent Study
- FRE101 - Elementary French I
- FRE102 - Elementary French II
- FRE201 - Intermediate French I
- FRE202 - Intermediate French II
- FRE261 - French Conversation and Composition I
- FRE262 - French Conversation and Composition II
- FRE298 - Workshop
- FRE299 - Independent Study
- GCU121 - World Geography Eastern Hemisphere I
- GCU122 - World Geography II: Western Hemisphere
- GLG101 - Physical Geology
- GLG102 - Historical Geology
- GLG110 - Geologic Hazards and Disasters
- GLG118 - Geology of Arizona
- GLG298 - Workshop
- GLG299 - Independent Study
- HCE156 - Science for Allied Health
- HCE240 - Human Pathophysiology
- HCE241 - Nutrition
- HHP100 - Personal Health
- HHP107 - Personal Training
- HHP210 - Introduction to Exercise Science and Physical Education
- HHP213 - Introduction to Strength and Conditioning for Sport Performance
- HHP214 - Contemporary Sports Management
- HHP270 - Introduction to Sports Medicine
- HHP274 - Sports Nutrition
- HHP276 - Sports Psychology
- HHP278 - Kinetic Anatomy
- HHP293 - Athletic Training Practicum II
- HHP294 - Athletic Training Practicum III
- HHP295 - Athletic Training Practicum IV
- HIS101 - U.S. History to 1877
- HIS102 - U.S. History Since 1865
- HIS104 - The Development of Europe to 1650
- HIS105 - Modern Europe Since 1550
- HIS111 - History of China to 1600
- HIS112 - History of China 1600 to Present
- HIS221 - Mexican American History and Culture
- HIS298 - Workshop
- HIS299 - Independent Study
- HPE101AA - Beginning Baseball I
- HPE101AB - Beginning Varsity Baseball I
- HPE101AC - Beginning Basketball I
- HPE101AE - Beginning Varsity Softball I
- HPE101AF - Beginning Varsity Volleyball I
- HPE101AG - Beginning Varsity Basketball I
- HPE101AH - Mountain Bike Riding I
- HPE101AJ - Beginning Aerobics I
- HPE101AL - Beginning Tai Chi Ch'u'an I
- HPE101AM - Beginning Varsity Golf I
- HPE101AN - Beginning Varsity Tennis I
- HPE101AO - Beginning Physioball I
- HPE101AP - Pilates for Fun and Fitness I
- HPE101AU - Beginning Mixed Martial Arts I
- HPE101AY - Beginning Hatha Yoga I
- HPE101AZ - Beginning Chi Gong I
- HPE101BA - Beginning Swim Aerobics I
- HPE101BB - Beginning Strength and Flexibility Training I
- HPE101BC - Beginning Power Walking I
- HPE101BD - Beginning Softball I
- HPE101C - Beginning Body Conditioning I
- HPE101G - Beginning Golf I
- HPE101H - Beginning Hiking I
- HPE101N - Beginning Cheerleading I
- HPE101Q - Beginning Swimming I
- Untitled Course
- HPE101SB - Beginning Varsity Soccer I
- HPE101X - Beginning Volleyball I
- HPE101Y - Beginning Weights I
- HPE102AA - Beginning Baseball II
- HPE102AB - Beginning Varsity Baseball II
- HPE102AC - Beginning Basketball II
- HPE102AE - Beginning Varsity Softball II
- HPE102AF - Beginning Varsity Volleyball II
- HPE102AG - Beginning Varsity Basketball II
- HPE102AJ - Beginning Aerobics II
- HPE102AL - Beginning Tai Chi Ch'u'an II
- HPE102AM - Beginning Varsity Golf II
- HPE102AN - Beginning Varsity Tennis II
- HPE102AO - Beginning Physioball II
- HPE102AP - Pilates for Fun and Fitness II
- HPE102AY - Beginning Hatha Yoga II
- HPE102AZ - Beginning Chi Gong II
- HPE102BA - Beginning Swim Aerobics II
- HPE102BB - Beginning Strength and Flexibility Training II
- HPE102BC - Beginning Power Walking II
- HPE102BD - Beginning Softball II
- HPE102C - Beginning Body Conditioning II
- HPE102G - Beginning Golf II
- HPE102H - Beginning Hiking II
- HPE102N - Beginning Cheerleading II
- HPE102Q - Beginning Swimming II
- HPE102SA - Beginning Soccer II
- HPE102SB - Beginning Varsity Soccer II
- HPE102X - Beginning Volleyball II
- HPE102Y - Beginning Weights II
- HPE104 - Physical Conditioning and Assessment I
- HPE105 - Physical Conditioning and Assessment II
- HPE170 - Lifeguard Training
- HPE190 - First Aid and CPR
- HPE201AA - Advanced Baseball I
- HPE201AB - Advanced Varsity Baseball I
- HPE201AC - Advanced Basketball I
- HPE201AE - Advanced Varsity Softball I
- HPE201AF - Advanced Varsity Volleyball I
- HPE201AG - Advanced Varsity Basketball I
- HPE201AJ - Advanced Aerobics I
- HPE201AM - Advanced Varsity Golf I
- HPE201AN - Advanced Varsity Tennis I
- HPE201AY - Advanced Hatha Yoga I

- HPE201AZ - Advanced Chi Gong I
- HPE201BA - Advanced Swim Aerobics I
- HPE201BB - Advanced Strength and Flexibility Training I
- HPE201BC - Advanced Power Walking I
- HPE201BD - Advanced Softball I
- HPE201C - Advanced Body Conditioning I
- HPE201G - Advanced Golf I
- HPE201N - Advanced Cheerleading I
- HPE201Q - Advanced Swimming I
- HPE201SA - Advanced Soccer I
- HPE201SB - Advanced Varsity Soccer I
- HPE201X - Advanced Volleyball I
- HPE201Y - Advanced Weights I
- HPE202AA - Advanced Baseball II
- HPE202AB - Advanced Varsity Baseball II
- HPE202AC - Advanced Basketball II
- HPE202AE - Advanced Varsity Softball II
- HPE202AF - Advanced Varsity Volleyball II
- HPE202AG - Advanced Varsity Basketball II
- HPE202AJ - Advanced Aerobics II
- HPE202AM - Advanced Varsity Golf II
- HPE202AN - Advanced Varsity Tennis II
- HPE202AY - Advanced Hatha Yoga II
- HPE202AZ - Advanced Chi Gong II
- HPE202BA - Advanced Swim Aerobics II
- HPE202BB - Advanced Strength and Flexibility Training II
- HPE202BC - Advanced Power Walking II
- HPE202BD - Advanced Softball II
- HPE202C - Advanced Body Conditioning II
- HPE202G - Advanced Golf II
- HPE202N - Advanced Cheerleading II
- HPE202Q - Advanced Swimming II
- HPE202X - Advanced Volleyball II
- HPE202Y - Advanced Weights II
- HPE204 - Physical Conditioning and Assessment III
- HPE205 - Physical Conditioning and Assessment IV
- HPE262A - Officiating: Volleyball
- HPE262B - Officiating: Basketball
- HPE262C - Officiating: Baseball/Softball
- HPE280 - Introduction to Leadership III
- HPE298 - Workshop
- HPE299 - Independent Study
- MAT140 - College Mathematics
- Untitled Course
- MAT156 - Principles of Mathematics I
- MAT157 - Principles of Mathematics II
- MAT160 - Introduction to Statistics
- MAT181 - Precalculus Trigonometry
- MAT210 - Elements of Calculus
- MAT221 - Calculus I
- MAT225 - Elementary Linear Algebra
- MAT231 - Calculus II
- MAT241 - Calculus III
- MAT261 - Differential Equations
- MAT298 - Workshop
- MAT299 - Independent Study
- MDC100 - Introduction to Film Studies
- MDC102 - Introduction to Media Communications
- MDC109 - Media Production Process
- MDC115 - Cinematic Storytelling
- MDC150 - Video Production
- MDC162 - Audio Recording Techniques for Voice Actors
- MDC168 - Audio for Studio and Sound Reinforcement
- MDC180 - Video Editing I
- MDC200 - Film History
- MDC212 - Writing the Screenplay
- MDC220 - Principles of Filmmaking
- MDC250 - Documentary Video Production
- MDC252 - Sports Production I
- MDC253 - Sports Production II
- MDC254 - Cinema Style Video Production
- MDC280 - Video Editing II
- MDC290 - Media Communications Capstone Project
- MUS101 - World of Music
- MUS102 - Music Fundamentals
- MUS105 - Music Theory I
- MUS106 - Music Theory II
- MUS107 - Aural Perception I
- MUS108 - Aural Perception II
- MUS111 - Marching Band I
- MUS111B - Marching Percussion I
- MUS117 - Class Instruction in Brass I
- MUS118 - Class Instruction in Brass II
- MUS119 - Class Instruction in Woodwinds I
- MUS120 - Class Instruction in Woodwinds II
- MUS121 - Class Instruction in Percussion I
- MUS123 - Class Instruction in Strings I
- MUS124 - Class Instruction in Strings II
- MUS125 - Jazz Ensemble I
- MUS126 - Jazz Ensemble II
- MUS127 - TenorBass Choir I
- MUS128 - TenorBass Choir II
- MUS129 - SopranoAlto Choir I
- MUS130 - SopranoAlto Choir II
- MUS133 - Symphonic Choir I
- MUS134 - Symphonic Choir II
- MUS135 - Vocal Show Ensemble I
- MUS136 - A Cappella Choir I
- MUS137 - A Cappella Choir II
- MUS139 - Vocal Show Ensemble II
- MUS140 - Chamber Ensemble I
- MUS141 - Chamber Ensemble II
- MUS142 - Wind Ensemble I
- MUS143 - Wind Ensemble II
- MUS151 - Symphony Orchestra I
- MUS152 - Symphony Orchestra II
- MUS153 - Beginning Guitar
- MUS155 - Class Piano I for Music Majors
- MUS156 - Class Piano II for Music Majors
- MUS157 - Chamber Orchestra I
- MUS158 - Chamber Orchestra II
- MUS161 - Private Voice II
- MUS162 - Private Voice III
- MUS163 - Jazz Theory and Improvisation I
- MUS165 - Class Piano for NonMusic Majors
- MUS171 - Private Piano II
- MUS172 - Private Piano III
- MUS181 - Private Instruments II
- MUS182 - Private Instruments III
- MUS183 - Private Strings II
- MUS184 - Private Strings III
- MUS190 - Vocal Jazz Ensemble I
- MUS191 - Vocal Jazz Ensemble II
- MUS203 - Music Notation/Finale
- MUS204 - Elements of Conducting
- MUS205 - Music Theory III
- MUS206 - Music Theory IV
- MUS211 - Marching Band II
- MUS211B - Marching Percussion II
- MUS212 - Aural Perception III
- MUS213 - Aural Perception IV
- MUS225 - Jazz Ensemble III
- MUS226 - Jazz Ensemble IV
- MUS227 - TenorBass Choir III
- MUS228 - TenorBass Choir IV
- MUS229 - SopranoAlto Choir III
- MUS230 - SopranoAlto Choir IV
- MUS233 - Symphonic Choir III
- MUS234 - Symphonic Choir IV
- MUS235 - Vocal Show Ensemble III
- MUS236 - A Cappella Choir III
- MUS237 - A Cappella Choir IV
- MUS239 - Vocal Show Ensemble IV
- MUS240 - Chamber Ensemble III
- MUS241 - Chamber Ensemble IV
- MUS242 - Wind Ensemble III
- MUS243 - Wind Ensemble IV
- MUS251 - Symphony Orchestra III
- MUS252 - Symphony Orchestra IV
- MUS255 - Class Piano III for Music Majors
- MUS256 - Class Piano IV for Music Majors
- MUS257 - Chamber Orchestra III
- MUS258 - Chamber Orchestra IV
- MUS261 - Private Voice IV
- MUS262 - Private Voice V
- MUS271 - Private Piano IV
- MUS272 - Private Piano V
- MUS281 - Private Instruments IV
- MUS282 - Private Instruments V
- MUS283 - Private Strings IV
- MUS284 - Private Strings V
- MUS290 - Vocal Jazz Ensemble III
- MUS291 - Vocal Jazz Ensemble IV
- MUS292 - Diction for Singers I
- MUS293 - Diction for Singers II
- MUS298 - Workshop
- MUS299 - Independent Study
- NUR250 - Nursing Four
- PHY107 - Physical Concepts
- PHY111 - General Physics I
- PHY112 - General Physics II
- PHY211 - Physics with Calculus I
- PHY212 - Physics with Calculus II
- POS110 - United States National Politics
- POS120 - World Politics
- POS221 - Arizona Constitution and Government
- POS298 - Workshop
- POS299 - Independent Study
- PSY101 - Introduction to Psychology
- PSY171 - Child Growth and Development
- PSY220 - Introduction to Statistics
- PSY230 - Social Psychology
- PSY240 - Abnormal Psychology
- PSY250 - Developmental Psychology

- PSY270 - Experimental Psychology
- SBM110 - Introduction to Entrepreneurship
- SBM111 - Marketing
- SBM121 - Supervision
- SBM211 - Financial Management
- SBM221 - Business Ethics
- SBM297 - Workshop
- SBM298 - Workshop
- SBM299 - Independent Study
- SOC101 - Introduction to Sociology
- SOC110 - Marriage and the Family
- SOC201 - Social Problems
- SOC210 - Racial and Ethnic Relations
- SOC299 - Independent Study
- SPA101 - Elementary Spanish I
- SPA102 - Elementary Spanish II
- SPA201 - Intermediate Spanish I
- SPA202 - Intermediate Spanish II
- SPA261 - Spanish Conversation and Composition I
- SPA262 - Spanish Conversation and Composition II
- SPA298 - Workshop
- SPA299 - Independent Study
- SSE110 - Introduction to Social Work
- SSE121 - Study of Substance Abuse
- TEC175 - Introduction to Weatherization
- THC105 - Introduction to Theatre
- THC110 - Acting I
- THC111 - Acting II
- THC112 - Acting for Film
- THC117 - Voice and Diction for Theater
- THC120 - Rehearsal and Production I
- THC121 - Rehearsal and Production II
- THC140 - Costume Construction
- THC141 - Introduction to Costume Design
- THC160 - Repertory Acting Company I
- THC161 - Repertory Acting Company II
- THC170 - Introduction to Stage Lighting
- THC171 - Stage Combat
- THC203 - Principles of Dramatic Structure
- THC205 - Musical Theatre I
- THC217 - Introduction to Design Scenography
- THC220 - Rehearsal and Production III
- THC221 - Rehearsal and Production IV
- THC230 - Stage Makeup
- THC231 - Stagecraft
- THC236 - Introduction to Scene Design
- THC260 - Repertory Acting Company III
- THC261 - Repertory Acting Company IV
- THC290 - Acting Workshop
- THC298 - Workshop
- THC299 - Independent Study

### Lab Science Gen Ed (Transfer)

Complete ANY:

- AST103 - Introduction to Astronomy
- BIO100 - Biology Concepts
- BIO105 - Environmental Biology
- BIO160 - Introduction to Human Anatomy and Physiology
- BIO181 - General Biology I
- BIO182 - General Biology II
- BIO201 - Human Anatomy and Physiology I
- BIO202 - Human Anatomy and Physiology II
- BIO205 - Microbiology
- BIO226 - Ecology
- CHM130 - Fundamental Chemistry
- CHM138 - An Introduction to General, Organic, and Biological Chemistry
- CHM151 - General Chemistry I
- CHM152 - General Chemistry II
- CHM235 - General Organic Chemistry I
- CHM236 - General Organic Chemistry II
- GLG101 - Physical Geology
- GLG102 - Historical Geology
- GLG110 - Geologic Hazards and Disasters
- PHY107 - Physical Concepts
- PHY111 - General Physics I
- PHY112 - General Physics II
- PHY211 - Physics with Calculus I
- PHY212 - Physics with Calculus II

### Social Science Gen Ed (AAS)

Complete ANY:

- AJS101 - Introduction to Criminal Justice
- AJS225 - Criminology
- BUA210 - Society and Business
- BUA221 - Principles of Macroeconomics
- BUA223 - Principles of Microeconomics
- BUS251 - Human Relations
- COM115 - Introduction to Interpersonal Communication
- COM201 - Public Speaking

- COM260 - Elements of Intercultural Communication
- ECE171 - Child Growth and Development
- EDU200 - Introduction to Education
- HHP100 - Personal Health
- HIS101 - U.S. History to 1877
- HIS102 - U.S. History Since 1865
- HIS104 - The Development of Europe to 1650
- HIS105 - Modern Europe Since 1550
- HIS111 - History of China to 1600
- HIS112 - History of China 1600 to Present
- HIS221 - Mexican American History and Culture
- MDC102 - Introduction to Media Communications
- POS110 - United States National Politics
- POS120 - World Politics
- PSY101 - Introduction to Psychology
- PSY171 - Child Growth and Development
- PSY230 - Social Psychology
- PSY240 - Abnormal Psychology
- PSY250 - Developmental Psychology
- PSY270 - Experimental Psychology
- SOC101 - Introduction to Sociology
- SOC110 - Marriage and the Family
- SOC201 - Social Problems
- SOC210 - Racial and Ethnic Relations

### Business Curriculum Related Requirements (AIS, BUA, BUS, COE, or SBM)

Complete ANY:

- BUA101 - Introduction to Business
- BUA150 - Introduction to Project Management
- BUA151 - Scheduling and Cost Estimating
- BUA160 - Medical Law and Ethics
- BUA200 - Introduction to Organizational Leadership
- BUA210 - Society and Business
- BUA220 - Business Statistics
- BUA221 - Principles of Macroeconomics
- BUA223 - Principles of Microeconomics
- BUA233 - Uses of Accounting Information I
- BUA243 - Uses of Accounting Information II
- BUA245 - Legal Environment of Business
- BUA259 - Business Communications
- BUA289 - Business Capstone
- BUA297 - Workshop
- BUA298 - Workshop
- BUA299 - Independent Study
- BUS122 - Managing Personal Finances
- BUS171 - International Business
- BUS205 - Accounting with QuickBooks
- BUS211 - Retail Management
- BUS214 - Contemporary Sports Management
- BUS221 - Human Resource Management
- BUS251 - Human Relations
- BUS261 - Fundamentals of Investing
- BUS297 - Workshop
- BUS298 - Workshop
- BUS299 - Independent Study
- SBM110 - Introduction to Entrepreneurship
- SBM111 - Marketing
- SBM121 - Supervision
- SBM211 - Financial Management
- SBM221 - Business Ethics
- SBM297 - Workshop
- SBM298 - Workshop
- SBM299 - Independent Study
- AIS108 - Introduction to Keyboarding Technique
- AIS117 - Electronic Keyboarding I
- AIS118 - Electronic Keyboarding II
- AIS214 - The Office Professional
- AIS237 - Word Processing Applications
- AIS238 - Advanced Office Applications
- AIS240 - Desktop Publishing
- AIS241 - Integrated Business Projects
- COE101 - Job Seeking Strategies
- COE111 - Cooperative Education I (Occupational)
- COE112 - Cooperative Education II (Occupational)
- COE113 - Cooperative Education III (Occupational)

### Business AAS Degree Certificates to Complete

Complete ALL:

- BUA101 - Introduction to Business
- AIS214 - The Office Professional
- AIS240 - Desktop Publishing
- BUS111 - Business Mathematical Calculations
- CMP101 - Introduction to Computers
- CMP103 - Introduction to Computer Based Systems
- AIS118 - Electronic Keyboarding II
- AIS238 - Advanced Office Applications
- AIS241 - Integrated Business Projects
- BUS101 - Fundamentals of Accounting

- BUA233 - Uses of Accounting Information I
- BUA259 - Business Communications
- SBM110 - Introduction to Entrepreneurship
- SBM121 - Supervision
- BUA245 - Legal Environment of Business
- SBM211 - Financial Management
- BUA150 - Introduction to Project Management
- BUA151 - Scheduling and Cost Estimating
- AIS237 - Word Processing Applications
- BUA289 - Business Capstone
- SBM221 - Business Ethics

## COM Gen Ed (AAS)

Complete ALL:

- COM215 - Interviewing Principles and Practices

## Humanities Gen Ed (AAS)

Complete ANY:

- ART133 - World Art I
- ART134 - World Art II
- ECE281 - Childrens Literature
- EDU281 - Children's Literature (Inactive)
- ENG201 - World Literature I
- ENG202 - World Literature II
- ENG218 - Writing About Literature
- ENG221 - English Literature I
- ENG222 - English Literature II
- ENG241 - American Literature I
- ENG242 - American Literature II
- ENG280 - Introduction to Literature
- ENG281 - Children's Literature (Inactive)
- MDC100 - Introduction to Film Studies
- MDC115 - Cinematic Storytelling
- MDC200 - Film History
- MDC220 - Principles of Filmmaking
- MUS101 - World of Music
- THC105 - Introduction to Theatre