



Applied Computer Science – 20107
Recommended Course Sequencing – 2025-2026

Course	Requirement Filled	Cr	Notes
Fall - 1st Semester			
CIS 170 Working in Technology	Core Curriculum	3	Fall Only
CIS 180 IT Fundamentals	Core Curriculum	3	Fall Only
CMP 103 Introduction to Computer Based Systems	Core Curriculum	3	Fall & Spring
CMP 124 Programming I	Core Curriculum	3	Fall Only
Curriculum Related	Curriculum Related	3	Choose from list below
Total Hours		15	

NOTE: Any developmental courses (such as ENG 100 and MAT 121) must be taken in addition to the above during this semester as prerequisites for later courses.

Spring - 2nd Semester

BUS 111 Business Math OR MAT 100 Applied Mathematics or higher	General Education	3-4	Fall & Spring
CIS 195 Networking Systems I	Core Curriculum	3	Spring Only
CMP 128 C# Programming	Core Curriculum	3	Spring & Fall
ENG 101 Written Communications I	General Education	3	Fall & Spring Placement required or ENG 100
Curriculum Related	Curriculum Related	3	Choose from list below
Total Hours		15-16	

Fall - 3rd Semester

CIS 190 Operating Systems I	Core Curriculum	3	Fall Only
CMP 125 Computer Programming II or CMP 129 C# Programming II	Core Curriculum	3	Fall Only
CMP 170 Database Systems I	Core Curriculum	3	Fall & Spring
General Education Elective	General Education	3	Must be from EAC approved list
General Education Elective	General Education	3	Must be from EAC approved list
Total Hours		15	

Spring - 4th Semester

CIS 210 Cyber Security Technician I	Core Curriculum	3	Spring Only
CMP 291 CIS Practicum	Core Curriculum	5	Spring & Fall
BUA 259 Business Communications ORENG 102 Written Communications II	General Education	3	Fall & Spring
Elective Course	Elective	1	
General Education Elective	General Education	2-3	Must be from EAC approved list
Total Hours		14-15	

Total Hours	60
Total Curriculum Requirements (Core)	35
Total Related Curriculum	6
Total General Education	18

Total Elective	1
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Notes: The foregoing is a recommended, or suggested, sequence of courses. Of course, if a student enters the program in the spring, or transfers credit in, the above would have to be modified.

This degree dictates specific courses that must be taken as part to meet the General Education requirements. Consult your catalog. All courses must be completed with a grade of "C" or better--Be sure to check the catalog for other changes and requirements.

Curriculum Related Courses must be chosen from the following list:

CIS 201	Securing Server Systems	3	Spring Only
CIS 211	Cyber Security Technician II	3	Spring Only
CMP 107	Basis Principles of IT	3	Fall
CMP 109	Intermediate Principles of IT	3	Spring
CMP 145	App Development	3	Spring Only
CMP 273	Website Development II	3	Spring Only