



**Computer Assisted Design and Drafting Technology**  
**Level II Certificate of Proficiency – 30613**  
 Recommended Course Sequencing – 2022-2023

Course	Requirement Filled	Cr	Notes
<b>Fall - 1st Semester</b>			
DRF 154 Intro to AutoCAD	Curriculum Required	2 - 3	Fall/Spring offered
MAT 100 Applied Mathematics	GE - Math	4	
AMT 102 Materials for Industry	Curriculum Required	3	Fall only
DRF 160 Descriptive Geometry	Curriculum Required	3	Fall only
Drafting Elective	Curriculum Related Elective	3	
<b>Total Hours</b>		<b>15 - 16</b>	

\*\* NOTE: Any developmental courses must be taken in addition to the above during this semester as prerequisites for later courses. General Education Courses must be chosen from the approved list.

<b>Spring - 2nd Semester</b>			
DRF 170 Residential Architecture	Curriculum Required	3	Spring only
DRF 150 Dimensioning and Tolerancing	Curriculum Required	1	Spring only
DRF 271 Advanced AutoCAD	Curriculum Required	2 - 3	Spring only
Drafting Elective	Curriculum Related Elective	3	Must be from approved list
Drafting Elective	Curriculum Related Elective	3	Must be from approved list
Drafting Elective	Curriculum Related Elective	3	Must be from approved list
<b>Total Hours</b>		<b>15 - 16</b>	

<b>Total Hours</b>	<b>30</b>
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**Notes:** <sup>1</sup>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.

*All courses must be completed with a grade of "C" or better--Be sure to check the catalog for other changes and requirements.*

**Curriculum Requirements**

AMT 102 Materials for Industry	3 credits
DRF 150 Dimensioning and Tolerancing	1 credit
DRF 154 Introduction to AutoCAD	2 to 3 credits
DRF 160 Descriptive Geometry	3 credits
DRF 170 Residential Architecture	2 to 3 credits
DRF 271 Advanced AutoCAD	2 to 3 credits

Select one of the following options:

Option 1:	
AMT 104 Machining and Fabrication	3 credits
Option 2:	
AMT 101 Fundamentals of Machining	2 credits
EGR 250 Plane Surveying OR	
WLD 101 Welding	3 credits

**Curriculum Requirements 19 to 26 credits**

Select from the following curriculum related courses to complete a minimum of 30 credits.

AMT 110 Introduction to Fab Lab Technology	2 credits
DRF 108 Technical Drafting	2 credits
DRF 220 Parametric Solid Modeling	3 credits
DRF 230 Civil Drafting	3 credits
DRF 232 Structural Drafting	2 to 3 credits
DRF 262 Commercial Architecture	2 to 3 credits
EGR 250 Plane Surveying	3 credits
TEC 133 Safety Practices for Industry	1 credit

**Total Minimum Certificate Requirements 30 credits**

In order to obtain this certificate, you must:

- Complete each required course above with a grade of "C" or better.
- File a petition for certificate with your advisor.
- Remove any indebtedness to the College.
- Complete at least 15 credits at Eastern Arizona College.