



Degree Options:

- Certificate of Completion
- Associate of Arts/Science

Program Description:

The Engineering Drafting and Design Technology program is designed to provide instruction for students pursuing entry-level employment or technical upgrading in mechanical, architectural, and construction drafting fields. Individuals interested in pursuing a career in drafting will study basic drafting standards, learn computer-aided drawing skills, and acquire the knowledge necessary for the documentation of designs used for production and support of industry. Students are encouraged to complete their Associate Degree as well, in order to be better prepared to enter the workforce or transfer on to a state college or university to pursue a bachelor's degree.

Career Opportunities:

Highly skilled and professional drafters are in demand. Practically every type of industry requires a knowledge and trained drafting technician who can translate the ideas and sketches of an engineer into an accurate set of drawings. Depending on the individual's field of interest and capabilities, students who complete the requirements may find employment in any of the following types of jobs: Engineering Aide 1, Drafting Aide 1, Junior Drafter, Mechanical Drafter/Designer Trainee, GIS Aide, Architectural Drafter, Technical Writer, or Technical Sales Representatives.

Recommended High School Preparation:

High school courses in English and mathematics are important. It is desirable, but not required, that students complete courses in algebra, plane geometry, and drafting.

CERTIFICATE OF COMPLETION

Fall Semester

EDDT 1010	Technical Drafting	.....	5
EDDT 1400	CAD Level I: Intro to CAD		3
ENGL 1010	Introduction to Writing	...	3
	Human Relations Course	.....	3
	Electives	.....	2
	Semester Total	.....	16

Spring Semester

EDDT 1450	CAD Level II: Advanced CAD	.....	3
EDDT 1460	Residential Architectural Drafting	.....	3
EDDT 2030	Descriptive Geometry	...	3
ENGN 2240	Surveying	.....	3
MATH 1020	Trade Mathematics	.....	3
	-or-		
	A higher numbered Math course	.....	3
	Semester Total	.....	15

Recommended Electives

EDDT 1050	Blueprint Reading	.....	2
EDDT 2640	Commercial Architectural Drafting	.....	3

Program Total **31**

PLEASE REFER TO THE CEU GENERAL CATALOG FOR A LISTING OF AA/AS GENERAL EDUCATION COURSES & DEGREE REQUIREMENTS.

For more information contact:

Drafting Advisor

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- OR -

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