

DRAFTING

Drafting deals with the mechanical and electronic skills of drafting and the practical application of basic engineering principles. Students study the science of drawing, receive hands-on training in the use of precision instruments and machine tools, plus mathematics and general education. Computer-assisted drafting is practiced in several modes. The program is challenging in the solution of graphics problems and related applications.

Job opportunities include: tracing, detailing, checking, design, mechanical drafting, tool design.

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Certificate: Drafting (CIT.DRT)

Credits Required for Graduation: 40

Overall Grade-point average of 2.00 (C=2) on all college work presented to fulfill program requirements.

Complete course work in the following areas:

A. General Education: 9 credits		Credits
ENG 155	Communications I	3
MAT 155	Contemporary Mathematics	3
PSY 103	Human Relations	3
B. Major Courses: 28 credits		
EGT 106	Print Reading and Sketching	3
EGT 110	Engineering Graphics I	4
EGT 115	Engineering Graphics II	4
EGT 151	Introduction to CAD	3
EGT 152	Fundamentals of CAD	3
EGT 210	Engineering Graphics III	4
EEM 115	D.C. Circuits	4
MTT 121	Machine Tool Theory	3
C. Electives: 3 credits		
Electives		3