COMPUTER-AIDED DRAFTING/DESIGN TECHNICIAN - UNDERGRADUATE CERTIFICATE

College of Applied and Technical Studies
www.kent.edu/cats

Examples of Possible Careers*
Architectural and civil drafters
- 2.5% decline
- 102,900 number of jobs
- $57,500 potential earnings

Drafters, all other
- 0.6% little or no change
- 15,200 number of jobs
- $54,500 potential earnings

Mechanical drafters
- 8.3% decline
- 57,500 number of jobs
- $58,270 potential earnings

Contact Information
- Program Coordinator: Michael Czayka | mczayka@kent.edu | 440-964-4266
- Speak with an Advisor
- Chat with an Admissions Counselor

Fully Offered
- Ashtabula Campus

Admission Requirements
The university affirmatively strives to provide educational opportunities and access to students with varied backgrounds, those with special talents and adult students who graduated from high school three or more years ago.

Kent State campuses at Ashtabula, East Liverpool, Geauga, Salem, Stark, Trumbull and Tuscarawas, and the Twinsburg Academic Center, have open enrollment admission for students who hold a high school diploma, GED or equivalent.

For more information on admissions, contact the Regional Campuses admissions offices.

Program Requirements
Certificate Requirements

Certificate Requirements
Code      Title                                      Credit Hours
EERT 12005 ELECTRICAL/ELECTRONIC DRAWING          2
ENGT 12005 APPLICATIONS IN COMPUTER-AIDED DESIGN  2
ENGT 22006 ECONOMIC DECISION ANALYSIS             3
IT 11000  INTRODUCTION TO OFFICE PRODUCTIVITY APPS 3
MERT 12000 ENGINEERING DRAWING                    3
MERT 12001 COMPUTER-AIDED DESIGN                  3
MERT 22003 COMPUTER-AIDED TOOL DESIGN             3
Minimum Total Credit Hours:                      19

Graduation Requirements
Minimum Certificate GPA  Minimum Overall GPA
2.000                               2.000

*Note
Source of occupation titles and labor data is from the U.S. Bureau of Labor Statistics’ Occupational Outlook Handbook. Data comprises projected percent change in employment over the next 10 years; nation-wide employment numbers; and the yearly median wage at which half of the workers in the occupation earned more than that amount and half earned less.

Description
The Computer-Aided Drafting/Design Technician undergraduate certificate allows students to quickly develop skills and hands-on experiences in drafting and Computer-Aided Drafting (CAD) operation and the ability to pursue objectives in the face of limited resources. Graduates are prepared for positions as a drafter or CAD operator.

This certificate articulates well into an associate or bachelor’s degree program in such technical areas as mechanical engineering technology, computer engineering technology and electrical engineering technology.