

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

Fully Offered

- **Delivery:**
 - In person
- **Location:**
 - Ashtabula Campus

*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.

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

Code	Title	Credit Hours
Certificate Requirements		
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