CAD FOR MANUFACTURING
- UNDERGRADUATE CERTIFICATE

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

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

Contact Information
- Program Coordinator: Paul Dykshoorn | pdykshoo@kent.edu | 330-308-7475
- Speak with an Advisor
- Chat with an Admissions Counselor

Fully Offered
- Tuscarawas 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 CAD for Manufacturing undergraduate certificate prepares students with hands-on training and instruction on a number of the most popular software tools used by industry in computer-aided drafting and design and in solid modeling.

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGD 11003</td>
<td>SOLID MODELING</td>
<td>3</td>
</tr>
<tr>
<td>or ENGR 34002</td>
<td>ADVANCED COMPUTER-AIDED DESIGN II</td>
<td>3</td>
</tr>
<tr>
<td>AGD 22000</td>
<td>TWO-DIMENSION COMMUNICATION</td>
<td>3</td>
</tr>
<tr>
<td>MERT 12000</td>
<td>ENGINEERING DRAWING</td>
<td>3</td>
</tr>
<tr>
<td>MERT 12001</td>
<td>COMPUTER-AIDED DESIGN</td>
<td>3</td>
</tr>
<tr>
<td>MERT 34002</td>
<td>ADVANCED SOLID MODELING</td>
<td>3</td>
</tr>
</tbody>
</table>

Minimum Total Credit Hours: 15

Graduation Requirements

<table>
<thead>
<tr>
<th>Minimum Certificate GPA</th>
<th>Minimum Overall GPA</th>
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</thead>
<tbody>
<tr>
<td>2.000</td>
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