

# COMPUTER AIDED DESIGN and DRAFTING



Certificate

Minimum 12 hours

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Career & Technical Education • Certificate • Minimum 2.0 OGPA • Major Code: CCAD

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|                       |                                  | Credit Hrs |
|-----------------------|----------------------------------|------------|
| DRA 130<br>or DRA 135 | Intro to AutoCAD<br>3-D Modeling | 3          |
| DRA 133<br>or DRA 136 | 3D AutoCAD<br>2-D Drafting       | 3          |
| DRA 134               | Rendering 3-D Models             | 3          |
| GRAP 121              | Engineering Graphics I           | 3          |
| Total Hours           |                                  | 12         |

**THIS COMPUTER AIDED DRAFTING CERTIFICATE** is designed to train and educate students interested in using computers to assist with the design of products and parts. An understanding of CAD will benefit students with interest in architecture, agriculture, engineering, particularly civil engineering, carpentry, and welding. This certificate program is designed to allow students to complete this coursework in the evening for those who work or are enrolled as a student full-time during the day.

The well-equipped **Computer Lab** is updated and maintained for quality training and technical instruction with current software used in the industry.

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**Career Opportunities:**

Drafter, Architectural Drafter, Mechanical Drafter, Surveying Drafter.

**Major Employers:**

Engineering and Architectural Firms; Metals and Machinery Manufacturing Companies; Welding Firms; Construction Firms.