

# 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 or DRA 135	Intro to Computer Aided Design 3-D Modeling	3
DRA 133 or DRA 136	3D Computer Aided Design 2-D Drafting	3
DRA 134	Rendering 3-D Models	3
GRAP 121	Engineering Graphics I	3
Total Hours		12

Placement test scores are not required for this program.

**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.