

CERTIFICATE IN ESSENTIALS FOR COMPUTER-AIDED DESIGN (CAD) ARCHITECTURE AND DRAFTING

This Essentials of Computer-Aided Design (CAD) Architecture and Drafting Certificate of Achievement provides a foundation for such majors as architecture, drafting and computer-generated imagery (CGI). The student will be prepared for entry level employment in computer-aided design as a CAD (computer-aided design) / draft person.

Learning Outcomes

Certificate of Achievement Level Student Learning Outcomes

Students completing the Essentials for Computer Aided Design (CAD) Architecture and Drafting Certificate of Achievement will:

1. Describe effective drafting techniques including graphic communication, orientation, and decision making.
2. Demonstrate the ability to use technology to prepare hand drawings, computer-aided drawings (CAD), and multimedia presentations.
3. Demonstrate planning techniques and administration of document control for design and working drawings.
4. Demonstrate the ability to estimate time, material, labor and equipment for design and working drawings.

Requirements

Code	Title	Units
Required courses:		
DRAF 101	Beginning Computer Aided Design (CAD)	3
DRAF 160	Foundation Digital Design Tools - Intermediate Computer Aided Design (CAD)	3
DRAF 161	Advanced Computer Aided Design (CAD and Design Tools)	3
or DRAF 190A	Advanced Digital Design Tools Part I	
or DRAF 190B	Advanced Digital Design Tools Part II	
Total Units		9

Career Information

Career Opportunities

There are a variety of careers you can do with this major.

To explore more about this major, schedule an appointment (<https://www.citruscollege.edu/studentservices/supportservices/career/counselingappointments.html>) with a career counselor.