

# COMPUTER AIDED DESIGN C.A.S.

Steve Shen, Interim Program Director

The Computer Aided Design (CAD) program offers graduates a pathway into professional careers as technicians in civil, mechanical, and architectural drafting. Other career opportunities exist in geographic information systems, mapping, surveying, and technical design. This one-year program prepares students in mathematics, business, and writing, as well as the following skills:

- graphic communications;
- computer-aided design and modeling systems;
- geographic information systems; and
- surveying.

Graduates emerge with an understanding of how to use computer aided design software to solve real-world graphic communications problems in a team-oriented environment.

## Certificate of Applied Science - Computer Aided Design

### Missoula College

Degree Specific Credits: 34

Required Cumulative GPA: 2.0

Catalog Year: 2018-2019

## Summary

Code	Title	Hours
Computer Aided Design Core Certificate Courses		34
Total Hours		34

## Computer Aided Design Core Certificate Courses

**Note:** WRIT 121 may be substituted for WRIT 101 at the discretion of the program advisor based on future career and educational goals.

Code	Title	Hours
<b>Complete all of the following courses:</b>		
BGEN 105S	Introduction to Business	3
CSCI 105	Computer Fluency	3
CSCI 172	Intro to Computer Modeling	3
DDSN 113A	Technical Drafting	3
DDSN 114	Introduction to CAD	3
DDSN 116	3D CAD	3
DDSN 244	GIS Mapping	3
DDSN 245	Civil Drafting	4
M 121	College Algebra	3
SRVY 230	Intro to Srvy for Engineers	3
WRIT 101	College Writing I	3

or WRIT 121 Intro to Technical Writing

Total Hours 34

Minimum Required Grade: C-