

BUILDING INFORMATION MODELING AND COMPUTER AIDED DRAFTING & DESIGN (BIM-CADD) C.A.S

The BIM-CADD program offers graduates a pathway into professional careers as technicians in civil, mechanical, and architectural drafting. Other career opportunities exist in construction project management, construction support, geographic information systems, mapping, surveying, and technical design. This one-year program prepares students in mathematics, business, writing, and basic construction design, as well as the most current relevant building information modeling and drafting software programs.

Certificate of Applied Science - Building Information Modeling and Computer Aided Drafting & Design (BIM-CADD)

Summary

Code	Title	Hours
Core Certificate Courses		34
Total Hours		34

Degree Specific Credits: 34

Required Cumulative GPA: 2.0

Core Certificate Courses

Note: WRIT 121 (<https://catalog.umd.edu/search/?P=WRIT%20121>) may be substituted for WRIT 101 (<https://catalog.umd.edu/search/?P=WRIT%20101>) at the discretion of the program advisor based on future career and educational goals.

Code	Title	Hours
Complete all of the following courses:		
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 Surveying for Engineers	3
WRIT 101 or WRIT 121	College Writing I Introduction to Technical Writing	3
Total Hours		34

Minimum Required Grade: C-