UNIVERSITY OF MONTANA
MISSOULA COLLEGE

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| ***DEGREE*** | Certificate of Applied Science |
| CONCENTRATION: | Building Information Modeling & Computer Aided Drafting & Design |

Student ID (790):
Student Name:
Advisor Name:

Credits Required: 34

| FALL SEMESTER | | | | |
|---|---|---|---|---|
| COURSE NUMBER | COURSE TITLE | CREDITS | GRADE | NOTES |
| DDSN 113A | Technical drafting | 3 | | |
| DDSN 114 | Intro to CAD | 3 | | |
| DDSN 166 | Revit I | 3 | | |
| CSCI 150 | Intro to Computer Science | 3 | | |
| M 121 | College Algebra | 3 | | or substitute M 121+ (4 cr) |
| | TOTAL CREDITS | 15 | | |

| SPRING SEMESTER | | | | |
|---|---|---|---|---|
| COURSE NUMBER | COURSE TITLE | CREDITS | GRADE | NOTES |
| DDSN 244 | GIS Mapping | 3 | | *must substitute GPHY 284 on main campus |
| DDSN 245 | Civil Drafting | 4 | | |
| SRVY 230 | Intro to Surveying for Engineers | 3 | | |
| CSCI 172 | Computer Modeling | 3 | | |
| WRIT 101 | College Writing I | 3 | | or substitute WRIT 101+ (4 cr) |
| BGEN 105S | Intro to Business | 3 | | |
| | TOTAL CREDITS | 19 | | |

**PROGRAM INFORMATION**

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.

**CAREER INFORMATION**

Computer-Aided Drafting (CAD) is a technical process using design related personnel using computer software to draft architecture or objects with 2D and 3S drawings, models and plans for tangible items. Building Information Modeling focuses specifically on the design and documentation of buildings and is an excellent skill to have in the construction of industry. Both areas are in high demand for different types of positions all across the building industry with high salaries across MT and the greater U.S. These careers include graphic communications, computer-aided design and modeling systems, geographic information systems and surveying.

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