

Associate In Applied Science Degree

Program

Advanced Engineering Design Technology (EDT)

Degree Type

AAS Degree

Location

Hamilton & Sumiton Campuses

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1

General Studies Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
	MTH 116 or Higher	3
	Natural Science/Math Elective	3-4
	History or Social/Behavioral Science Elective	3
	Humanities/Fine Arts Elective	3

Required Courses

Item #	Title	Credits
ADM 101	PRECISION MEASUREMENT	3
DDT 244	ADVANCED 3D MODELING	3
DDT 104	BASIC COMPUTER AIDED DRAFTING AND DESIGN	3
DDT 111	FUNDAMENTALS OF DRAFTING AND DESIGN TECHNOLOGY	3
DDT 124	BASIC TECHNICAL DRAWING	3
DDT 127	INTERMEDIATE COMPUTER AIDED DRAFTING AND DESIGN	3
DDT 128	INTERMEDIATE TECHNICAL DRAWING	3
DDT 131	MACHINE DRAFTING BASICS	3
DDT 132	ARCHITECTURAL DRAFTING	3
DDT 144	BASIC 3D MODELING	3
DDT 211	INTERMEDIATE MACHINE DRAFTING	3
DDT 212	INTERMEDIATE ARCHITECTURAL DRAFTING	3
DDT 233	INTERMEDIATE 3D MODELING	3
DDT 238	SPECIAL TOPICS IN CAD	3

Electives

Choose Two Courses (6 Hours)

Item #	Title	Credits
ADM 162	ADDITIVE MANUFACTURING PROCESS-POLYMERS	3
AET 191	BUILDING INFORMATION MODELING (BIM)	3
DDT 236	DESIGN PROJECTS	3
DDT 244	ADVANCED 3D MODELING	3
DDT 115	BLUEPRINT READING FOR MACHINISTS	3
DDT 116	BLUEPRINT READING FOR CONSTRUCTION	3
DDT 215	GEOMETRIC DIMENSIONING & TOLERANCING	3
DDT 133	BASIC SURVEYING	3
Total Credits		64-65