

Engineering and Design

Program

Engineering and Design

Degree Type

Associate in Applied Science (AAS)

First Term

Item #	Title	Credits
DDT 104	BASIC COMPUTER AIDED DRAFTING	3
ADM 109	FREEHAND SKETCHING	2
ADM 202	INTRODUCTION TO TECHNOLOGY DESIGN	3
ADM 112	ORIENTATION TO ADDITIVE MANUFACTURING	1
	MTH 100 or Higher-Level Math	3

Second Term

Item #	Title	Credits
DDT 127	INTERMEDIATE COMPUTER AIDED DRAFTING AND DESIGN	3
DDT 125	SURFACE DEVELOPMENT	3
DDT 233	INTERMEDIATE 3D MODELING	3
ENT 217	MACHINE DESIGN	3
ENG 101	ENGLISH COMPOSITION I	3

Third Term

Item #	Title	Credits
ADM 160	ADDITIVE MANUFACTURING PRODUCTION TECHNIQUES	3
ADM 161	SPECIALIZED SOFTWARE TECHNIQUES	3
ADM 162	ADDITIVE MANUFACTURING PROCESS	3
ADM 114	DESIGN INNOVATION	3
	Natural Science or Mathematics Elective	3

Fourth Term

Item #	Title	Credits
ADM 101	PRECISION MEASUREMENT	3
ADM 261	REVERSE ENGINEERING	3
DDT 238	SPECIAL TOPICS IN CAD	3
	ENT 214 or DDT 291	3
	Humanities and Fine Arts Elective	3

Fifth Term

Item #	Title	Credits
DDT 212	INTERMEDIATE ARCHITECTURAL DRAFTING	3
DDT 132	ARCHITECTURAL DRAFTING	3
	DDT 133 or DDT 292	3
	Social and Behavioral Sciences Elective	3
	Total Credits	69