

Engineering Technology - Digital Fabrication

Program: **Engineering Technology**

OPTION IV - AAS DIGITAL FABRICATION - Guided Pathway/ Map

1st Semester

Item #	Title	Credits
ADM 102	Computer-Aided Design	3
ADM 130	Introduction to Materials and Finishes	3
EGR 100	Engineering Orientation	1
ADM 108	Intro to 3D Modeling	3
ENG 101	English Composition I	3
ORI 110	Freshman Seminar	1
	Sub-Total Credits	14

2nd Semester

Item #	Title	Credits
ADM 160	Additive Mfg. Productions Techniques	3
ADM 216	3D Graphics and Animation	3
ADM 101	Precision Measurement	3
MTH 100	Intermediate College Algebra	3
CMT 114	10 Hour OSHA Construction Safety	1
	Sub-Total Credits	13

3rd Semester

Item #	Title	Credits
ENT 127	Mechanical Drawing	3
ADM 155	Manufacturing Projects	3
MTH 112	Precalculus Algebra	3
MDT 100	Engineering Blueprints	3
	Sub-Total Credits	12

4th Semester

Item #	Title	Credits
ADM 277	Industrial Energy Sources & Sustainability	3
ADM 261	Reverse Engineering	3
HIS 201	United States History I	3
ENT 216	Industrial Drawings	3
	Sub-Total Credits	12

5th Semester

Item #	Title	Credits
AET 245	Advanced Design	3
ENT 217	Machine Design	3
IDS 102	Ethics	3
ADM 157	Materials Properties	3
	Sub-Total Credits	12
	Total credits:	63