

Engineering Technology

Program: **Engineering Technology**

OPTION I – AAS ENGINEERING TECHNOLOGY – Guided Pathway/Map

1st Semester

Item #	Title	Credits
ADM 102	Computer-Aided Design	3
EGR 100	Engineering Orientation	1
EGR 125	Modern Graphics for Engineers	3
ENT 212	CAD for Electronics	3
ENG 101	English Composition I	3
ORI 110	Freshman Seminar	1
	Sub-Total Credits	14

2nd Semester

Item #	Title	Credits
ADM 101	Precision Measurement	3
CDT 205	Fundamentals of Surveying	3
CMT 114	10 Hour OSHA Construction Safety	1
ENT 128	Advanced Computer-Aided Drafting	3
MTH 100	Intermediate College Algebra	3
	Sub-Total Credits	13

3rd Semester

Item #	Title	Credits
ADM 108	Intro to 3D Modeling	3
ENT 127	Mechanical Drawing	3
ENT 215	Architectural Drawing	3
MDT 100	Engineering Blueprints	3
MTH 112	Precalculus Algebra	3
	Sub-Total Credits	15

4th Semester

Item #	Title	Credits
ADM 208	Intermediate 3D Modeling	3
ADM 261	Reverse Engineering	3
CDT 221	Structural Drafting for Technicians	3
HIS 201	United States History I	3
	Sub-Total Credits	12

5th Semester

Item #	Title	Credits
AET 245	Advanced Design	3
ENT 217	Machine Design	3
IDS 102	Ethics	3
MDT 261	HVAC and Pipe Systems Drafting	3
	Sub-Total Credits	12
	Total credits:	66