

# Advanced Engineering Technology

Program: **Engineering Technology**

## AAS ADVANCED ENGINEERING TECHNOLOGY – Guided Pathway/Map

### 1st Semester

Item #	Title	Credits
ADM 102	Computer Aided Design	3
EGR 125	Modern Graphics for Engineers	3
EGR 100	Engineering Orientation	1
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
ENG 102	English Composition II	3
MTH 113	Precalculus Trigonometry	3
ADM 101	Precision Measurement	3
ADM 108	Intro to 3D Modeling	3
CMT 114	10 Hour OSHA Construction Safety	1
ADM 160	Additive Mfg. Production Techniques	3
	Sub-Total Credits	16

### 3rd Semester

Item #	Title	Credits
ENT 127	Mechanical Drawing	3
MTH 125	Calculus I	4
HIS 201	United States History I	3
ENG 251	American Literature I	3
MDT 100	Engineering Blueprints	3
	Sub-Total Credits	16

# 4th Semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ADM 208	Intermediate 3D Modeling	3
ADM 261	Reverse Engineering	3
HIS 202	United States History II	3
ENT 217	Machine Design	3
IDS 102	Ethics	3
	Sub-Total Credits	15
	<b>Total credits:</b>	<b>61</b>