

Engineering Technology

Program: **Engineering Technology**

AAS ENGINEERING TECHNOLOGY – Guided Pathway/Map

1st Semester

| Item # | Title | Credits |
|---------|-------------------------------|---------|
| ORI 110 | Freshman Seminar | 1 |
| 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 |
| | 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 Design | 3 |
| | Sub-Total Credits | 12 |
| | Total credits: | 66 |