



PATHWAYS



**YOUR MAP TO
COMPLETION for
2024-2025**

Advanced Engineering Technology Associate in Applied Science / Short-Term Certificate

| Full Time | Course Prefix | Course Title | Credit Hours | Semesters Offered | Area |
|------------|---------------|--|--------------|-------------------|------|
| Semester 1 | ADM 102 | Computer Aided Design | 3 | Fa Sp Su | V |
| | EGR 125 | Modern Graphics for Engineers | 3 | Fa Sp Su | V |
| | EGR 100 | Engineering Orientation | 1 | Fa Sp Su | V |
| | ENT 212 | CAD for Electronics | 3 | Fa Sp Su | V |
| | ENG 101 | English Composition I | 3 | Fa Sp Su | I |
| | ORI 110 | Freshman Seminar | 1 | Fa Sp Su | IV |
| Semester 2 | ENG 102 | English Composition II | 3 | Fa Sp Su | I |
| | MTH 113 | Precalculus Trigonometry | 3 | Fa Sp Su | III |
| | ADM 101 | Precision Measurement | 3 | Fa Sp Su | V |
| | ADM 108 | Intro to 3D Modeling | 3 | Fa Sp Su | V |
| | CMT 114 | 10 Hour OSHA Construction Safety | 1 | Fa Sp Su | V |
| | *ADM 160 | Additive Manufacturing Production Techniques | 3 | Fa Sp Su | V |
| Semester 3 | ENT 127 | Mechanical Drawing | 3 | Fa Sp Su | V |
| | MTH 125 | Calculus I | 4 | Fa Sp Su | III |
| | *HIS 201 | United States History I | 3 | Fa Sp Su | IV |
| | *ENG 251 | American Literature | 3 | Fa Sp Su | II |
| | *MDT 100 | Engineering Blueprints | 3 | Fa Sp Su | V |
| Semester 4 | *ADM 208 | Intermediate 3D Modeling | 3 | Fa Sp Su | V |
| | ADM 261 | Reverse Engineering | 3 | Fa Sp Su | V |
| | *HIS 202 | United States History II | 3 | Fa Sp Su | IV |
| | ENT 217 | Machine Design | 3 | Fa Sp Su | V |
| | *IDS 102 | Ethics | 3 | Fa Sp Su | II |

Advanced Engineering Technology AAS TOTAL HOURS 61

Basic AutoCAD Short-Term Certificate TOTAL HOURS 9

* May be substituted per Engineering Technology Instructor's approval

WALLACE STATE
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