

Machine Technology (AAS-IE4)

Program Locations: Atmore and Thomasville Campuses

Advanced Manufacturing Technology

Length: Four Semesters

The Machine Technology program is designed to help students exit the program with hands-on skill and knowledge recognized by industry partners as the key competencies to succeed in the field of machinist.

This is a career program designed for students to go directly into the labor market upon completion. Although some of the courses in this program will transfer to four-year institutions, this program is not designed to be a transfer program of study; therefore, it is not subject to the terms and conditions of Alabama Transfers state transfer and articulation reporting system.

Subject: Advanced Manufacturing Technology

Type: A.A.S.

Semester One

| Item # | Title | Credits |
|---------|----------------------------------|---------|
| MTT 100 | Machining Technology I | 6 |
| MTT 129 | Lathe Operations | 6 |
| MTT 139 | Basic Computer Numerical Control | 3 |
| | WKO 107 or ORI 101 | 1 |

Semester Two

| Item # | Title | Credits |
|---------|--|---------|
| CIS 146 | Computer Applications | 3 |
| MTT 136 | Milling Operations | 6 |
| MTT 140 | Basic Computer Numerical Control Turning Programming I | 3 |
| MTT 141 | Basic Computer Numeric Control Milling Programming I | 3 |
| WKO 110 | NCCER Core | 3 |

Semester Three

| Item # | Title | Credits |
|---------|---|---------|
| ENG 101 | English Composition I | 3 |
| IET 131 | Fluid Power Systems | 3 |
| MTT 181 | Special Topics in Machine Tool Technology | 3 |
| | History, Social Science, or Behavioral Science Elective | 3 |
| | MTH 116 or MTH 100 | 3 |

Complete Graduation Application

Complete the graduation application and begin the process of a review of your degree plan before your final semester.

Semester Four

| Item # | Title | Credits |
|---------------|---|----------------|
| MTT 182 | Special Topics in Machine Tool Technology | 3 |
| INT 117 | Principles of Industrial Mechanics | 3 |
| | Machine Technology Elective | 3 |
| | Humanities and Fine Arts Elective (T) | 3 |
| | Total credits: | 61 |