

Industrial Engineering Technology (STC-IET)

Program Locations: The Academy at Fairhope Airport and Thomasville Campus

Career-Technical Division

Length: Two Semesters

This is a program that prepares individuals to be able to proficiently work in an entry level position in manufacturing or general industry.

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: Short-Term Certificate

Semester One

| Item # | Title | Credits |
|---------|---|---------|
| IET 114 | Basic Electricity | 3 |
| IET 122 | Rotating Machinery and Controls | 3 |
| IET 131 | Fluid Power Systems | 3 |
| ILT 108 | Introduction to Instruments and Process Control | 3 |
| WKO 110 | NCCER Core | 3 |

Semester Two

| Item # | Title | Credits |
|---------|--|-----------|
| ELT 212 | Motor Controls II | 3 |
| INT 117 | Principles of Industrial Mechanics | 3 |
| | Industrial Engineering Technology (STC) Elective | 3 |
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| | Total credits: | 27 |