

Powerplant Technology (CER-PPT)

Program Location: Alabama Aviation Center at Brookley Field

Aviation Technology Division

Length: Three Semesters

This program prepares students to take the Federal Aviation Administration written, oral, and practical examinations required for certification as an aviation maintenance technician with a Powerplant endorsement.

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: Aviation Technology

Type: Certificate

Semester One

Upon completion of Semester One, students will take their Generals Comprehensive Exam and FAA Written Generals Exam.

| Item # | Title | Credits |
|---------|-------------------------|---------|
| AMT 101 | Basic Electricity | 5 |
| AMT 104 | Technical Preparation | 5 |
| AMT 105 | Materials and Processes | 5 |
| ENG 101 | English Composition I | 3 |

Semester Two

| Item # | Title | Credits |
|---------|---|---------|
| AMT 103 | Weight and Balance, Ground Handling and Servicing, Cleaning and Corrosion Control | 5 |
| AMP 220 | Reciprocating Engines and Theory | 5 |
| AMP 221 | Turbine Engine Theory and Systems | 5 |
| | 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 Three

Upon completion of Semester Three, students will take their FAA Oral & Practical exam.

| Item # | Title | Credits |
|---------|---|---------|
| AMP 222 | Reciprocating Engine Inspections and Propellers | 5 |
| AMP 223 | Reciprocating Engine Overhaul | 5 |
| AMP 224 | Turbine Engine Inspection and Overhaul | 5 |
| | Total credits: | 51 |