

Powerplant Technology (AAS-PPT)

Program Location: Alabama Aviation Center at Brookley Field

Aviation Technology Division

Length: Four 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. Graduates earn an Associate in Applied Science Degree in Powerplant Technology.

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: A.A.S.

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 222	Reciprocating Engine Inspections and Propellers	5
	MTH 100 or MTH 116	3

Semester Three

Upon completion of Semester Three, students will take their PowerPlan Comprehensive Exam and FAA Written PowerPlant Exam.

Item #	Title	Credits
AMP 221	Turbine Engine Theory and Systems	5
AMP 223	Reciprocating Engine Overhaul	5
	History, Social Science, or Behavioral Science Elective	3
	Humanities and Fine Arts Elective (T)	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

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

Item #	Title	Credits
AMP 224	Turbine Engine Inspection and Overhaul	5
	Computer Science, Math, or Natural Science Elective	3-4
	Total credits:	60-61