

Powerplant Technology, A.A.S.

Program Location: **Alabama Aviation Center at Brookley Field**

Aviation 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 STARS.

Program: Aviation
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 100	Technical Preparation	5
AMT 101	Basic Electricity	5
AMT 102	Materials and Processes	5
ENG 101	English Composition I	3

Semester Two

Item #	Title	Credits
AMP 120	Engine Theory and Propellers	5
AMP 121	Reciprocating Engine Systems	5
AMP 122	Reciprocating Engine Overhaul	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 123	Reciprocating Engine Inspection	5
AMP 124	Turbine Engine Theory and Inspection	5
AMP 125	Turbine Engine Systems Overhaul	5
CIS 146	Microcomputer Applications	3

Semester Four

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

Item #	Title	Credits
	MTH/CIS/SCI Elective	3-4
	Humanities and Fine Arts Elective (I)	3
	History, Social Science, or Behavioral Science Elective	3
	SPH 106 or SPH 107	3
	Total credits:	66-67