

Powerplant Technology (AAS-PPT)

Degree Type

A.A.S.

Degree Plan

PowerPlant Technology

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.

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
	Sub-Total Credits	18

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
	Sub-Total Credits	18

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
Sub-Total Credits		16

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
Sub-Total Credits		8-9

	Total Credits	60-61
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Program Webpage

<http://www.CoastalAlabama.edu/aviation>