



POWERPLANT TECHNOLOGY
CERTIFICATE – CER PPT

Program Location: Alabama Aviation Center at Brookley Field

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. 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.

AREA I: Written Composition	3 Total Hours
ENG 101 – English Composition I	3
AREA II: Humanities and Fine Arts	0 Total Hours
	0
AREA III: Natural Sciences and Mathematics	3 Total Hours
Choose one of the following: MTH 100 – Intermediate College Algebra MTH 116 – Mathematical Applications	3
AREA IV: History, Social, and Behavioral Sciences	0 Total Hours
	0
AREA V: Pre-Professional, Major, and Elective Courses	45 Total Hours
AMT 101 – Basic Electricity	5
AMT 103 – Weight and Balance, Ground Handling and Servicing, Cleaning and Corrosion Control	5
AMT 104 – Technical Preparation	5
AMT 105 – Materials and Processes	5
AMP 220 – Reciprocating Engines and Theory	5
AMP 221 – Turbine Engine Theory and Systems	5
AMP 222 – Reciprocating Engine Inspections and Propellers	5
AMP 223 – Reciprocating Engine Overhaul	5
AMP 224 – Turbine Engine Theory Inspection and Overhaul	5
Total Hours	51 SH