

# Airframe and Powerplant Technician

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## Certificate

This 42-credit-hour certificate, approved by the Federal Aviation Administration (FAA) under the Federal Aviation Regulations, FAR147, prepares students to pass the Federal tests required to receive a Federal Airframe and Power plant Certificate.

### Total Credit Hours: 42

#### First Semester

AV170 Gen Maintenance Practices	5.0
AV171 Materials and Processes	2.0
AV172 Basic Electricity	2.0
AV173 Airframe Systems 1	5.0

#### Second Semester

AV174 Airframe Systems 2	3.0
AV175 Aircraft Structures 1	3.0
AV176 Aircraft Structures 2	3.5
AV177 Airframe Inspection & Welding	2.0
AV178 Introduction to Powerplant	2.5

#### Third Semester

AV179 Reciprocating Engines	2.0
AV180 Turbine Engines & Pwrplnt Syst	4.0
AV181 Powerplant Systems	6.0
AV182 Pwrplnt Inspctn & Elec Systms	2.0