

AVTN205N : Powerplant Module 1

This is a course of study on the explanation of the units that make up each of the systems that bring fuel, air, and ignition together in an aircraft engine for combustion. Topics include, aircraft engines, engine fuel and fuel metering systems, induction and exhaust systems, engine ignition, and electrical systems, engine starting systems. It also contains information on engine construction features, lubrication systems, exhaust systems, cooling systems, cylinder removal and replacement, compression checks, and valve adjustments. Course will be supplemented by reference and usage of FAA, manufacturer's manuals or other textbooks as more detail is desired.

Class Hours 7

Lab Hours 12

Credits 11

Prerequisites

A grade of 'C-' or better in AVTN115N.