



FAA AIRCRAFT POWERPLANT MECHANICS, TECHNICAL CERTIFICATE

Program Code: 6367

Career Pathway: Industry, Manufacturing, Construction & Transportation

Program Entrance Requirements: HS Diploma or GED.

Program Description: The purpose of this program is to prepare students for employment or advanced training in the commercial and general aviation industry. Instruction is designed to prepare students for Federal Aviation Administration (FAA) license examinations for Powerplant ratings. Federal Aviation Regulation (FAR) Part 147 identifies minimum requirements for AMT schools. Any changes to the FAA-approved course content must be approved in advance. This program prepares students for employment as an Aviation Maintenance General Technician, and an Aviation Powerplant Maintenance Technician.

Course	Title	Credits
AMT2301C	RECIPROCATING ENGINES	5.00
AMT2401C	ENGINE INSTRUMENT SYSTEMS	1.00
AMT1313C	TURBINE ENGINES	4.00
AMT2421C	ENGINE ELECTRICAL SYSTEMS & APUS	2.00
AMT1321C	ENGINE INSPECTION	1.00
AMT2452C	ENGINE FUEL SYSTEMS	1.00
AMT2453C	FUEL METERING SYSTEMS	2.00
AMT2441C	IGNITION & STARTING SYSTEMS	2.00
AMT2461C	INDUCTION & ENGINE AIRFLOW SYSTEMS	1.00
AMT2436C	LUBRICATION SYSTEMS	1.00
AMT2471C	ENGINE COOLING & EXHAUST	1.00
AMT2411C	ENGINE FIRE PROTECTION SYSTEMS	1.00
AMT2491C	PROPELLERS AND UNDUCTED FANS	2.00
Total Credits		24

Students are strongly encouraged to meet with an advisor (<https://students.broward.edu/resources/advising/>) to create a personalized educational plan.