



FAA Aircraft Power Plant Mechanics Post-Secondary Adult Vocational Certificate - 5273

Career Pathway: [Industry, Manufacturing, Construction & Transportation \(IMCT\)](#)

Location(s): [General Education courses are offered at all BC locations. Program specific courses for this program are offered at the Judson A. Samuels South Campus.](#)

Program Entrance Requirements: HS Diploma or GED

Program Description: The Emil Buehler Aviation Institute links Broward College's (BC) South Campus with North Perry Airport in Pembroke Pines. It's the only public facility in South Florida with direct access to an airport dedicated to the training of aviation professionals. Since 1966 our aviation school has been preparing students for careers in: Professional Pilot Technology, Aviation Maintenance Management, Aviation Operations, Airport Operations Management, and Air Traffic Control. The Aviation Institute also provides hands-on training to prepare students in the competitive field of aviation maintenance. It provides FAA-approved certificate programs in Airframe Mechanic and Powerplant Mechanic, and also offers FCC and NCATT approved Avionics Technician certifications. Visit the program's [website](#) for additional information.

Additional Program Information: Completion of the program is contingent upon student being exempt from, or passing, the Test of Adult Basic Education (TABE) in math, reading and language. These courses are offered in 450 hour blocks.

Building Your Education

FAA Aircraft Power Plant
Mechanics 5273

Aviation Maintenance
Management AS 2204

Bachelor of Applied Science

Recommended Course Sequence

Full Time	Course ID	Description	Hours
Term 1	AMT0070C	Applied Mathematics	21
	SLS0052	Aviation Career Exploration	50
	AMT0090C	Basic Physics	26.25
	AMT0010C	Aircraft Drawings	21
	AMT0050C	Ground Operations and Servicing	31.5
	AMT0040C	Materials and Processes	84
	AMT0030C	Fluid Lines and Fittings	26.25
	AMT0081C	FARs, Forms, Privilege	42
	AMT0020C	Weight and Balance	32.5
	AMT0060C	Corrosion Control	26.25
Term 2	AMT0091C	Basic Electricity	89.25
	AMT0300C	Reciprocating Engines	152.25
	AMT0940	Practicum	50
	AMT0312C	Turbine Engines	147
	AMT0400C	Engine Instrument Systems	31.5
Term 3	AMT0420C	Engine Electrical and APUs	69.25
	AMT0460C	Induction Systems	26.25
	AMT0940	Practicum	50
	AMT0450C	Engine Fuel Systems	21
	AMT0451C	Fuel Metering Systems	63
	AMT0440C	Ignition Systems	84
	AMT0435C	Lubrication Systems	42
	AMT0475C	Engine Cooling and Exhaust Systems	26.25
	AMT0410C	Engine Fire Protection	15.75
	AMT0490C	Propellers and Unducted Fans	89.25
AMT0320C	Engine Inspection	32.5	
Total Program Hours			1350

Notes: Many courses have specific pre-requisite and co-requisite requirements that must be followed. This is only a recommended course sequence. Students are strongly encouraged to meet with an [advisor](#) to create a personalized educational plan.

CHOOSE YOUR COURSES

Program Highlights



Credit for Prior Learning: Accelerate your path to completion with these options:

- Credit by exam
 - Industry Certifications
 - Prior Learning Assessment
 - And much more...
-



Related Industry Certifications: Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses:

- Federal Aviation Administration (FAA) Power Plant license.
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Get an Internship: Internship and employment opportunities are available frequently. Visit the Career Center on South Campus for more information. Also, explore hundreds of career videos and career profiles through Virtual Job Shadow.

[Get an Internship](#) [Virtual Job Shadow Tool](#)



Median Wage and Job Growth Outlook: Broward College has [Career Coach](#) & the [Career Ladders](#). These tools are designed to help you find a good career by providing the most current local data on wages, employment, job postings, and associated education and training. Learn how to climb your career ladder!



Fund Your Education:

This Program is [Financial Aid](#) eligible. [Scholarships](#) may be available.

This program is part of the [Career Source Broward ITA List](#)

Get Started Today!

START APPLICATION

