



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

**Career Pathway:** Industry, Manufacturing, Construction & Transportation (IMCT)

**Location(s):** Program specific courses for this program are offered at the Judson A. Samuels South Campus.

**Program Description:** The 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. The Aviation Institute provides hands-on training to prepare students in the competitive field of aviation maintenance. It provides FAA approved certificate programs in Airframe Mechanic and Power Plant Mechanic, and also offers FCC and NCATT approved Avionics Technician certifications. Visit the program's [website](#) for additional information.

**Program Entrance Requirements:** HS Diploma or GED

**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. The TABE test must be taken within six weeks of enrollment into the general portion of the program. These courses are offered in 400 hour blocks and require entry approval by an Aviation Admissions Coordinator or the Associate Dean for Aviation Maintenance prior to enrollment.

### 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
	AMT0091C	Basic Electricity	89.25
Term 2	AMT0300C	Reciprocating Engines	152.25
	ASMT0940	Practicum	50
	AMT0312C	Turbine Engines	147
	AMT0400C	Engine Instrument Systems	31.5
	AMT0420C	Engine Electrical and APUs	69.25
Term 3	AMT0460C	Induction Systems	26.25
	ASMT0940	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.

Students are strongly encouraged to meet with an [advisor](#) to create an educational plan.

CHOOSE YOUR COURSES

## Program Highlights

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**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:** After completing your first year of coursework make sure to visit the Career Center for internship opportunities that help you take your career to the next level!

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**Median Wage and Job Growth Outlook:** Broward College has [Career Coach!](#) It is 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.

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**Fund Your Education:**

This Program is [Financial Aid](#) eligible. [Scholarships](#) may be available. This program is part of the [Career Source Broward ITA List](#)

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Get Started Today!

START APPLICATION

