



## FAA Aircraft Airframe Mechanics Post-Secondary Adult Vocational Certificate - 5272

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

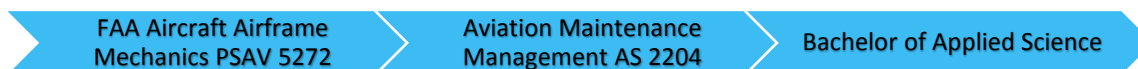
**Location(s):** [General Education courses are offered at all BC locations. Program specific courses for this program are offered at the Judson A. Samuels South Campus.](#)

**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.

### Build Your Education



### 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	AMT0130C	Sheet Metal and Non-Metallic	157
	AMT0940	Practicum	50
	AMT0110C	Wood Structures	11
	AMT0115C	Aircraft Covering	12
	AMT0120C	Aircraft Finishes	30
	AMT0140C	Welding	40
	AMT0155C	Assembly and Rigging	65
AMT0200C	Landing Gear Systems	85	
Term 3	AMT0160C	Airframe Inspection	20
	AMT0940	Practicum	50
	AMT0210C	Hydraulic Pneumatics Systems	75
	AMT0220C	Cabin Atmosphere Control Systems	50
	AMT0230C	Aircraft Instrument Systems	25
	AMT0240C	Comm. / Nav. Systems	30
	AMT0250C	Aircraft Fuel Systems	40
	AMT0260C	Aircraft Electrical Systems	100
	AMT0270C	Position and Warning	30
AMT0285C	Ice, Rain and Fire Protection	30	
Total Program Hours			1350

Notes: - Many courses have specific pre-requisite and co-requisite requirements that must be followed. Students are encouraged to consult the Course Information Table for a detailed list of all requisite requirements.

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

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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) airframe license.*
- 



**Get Career Ready:** 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! Also, explore hundreds of career videos and career profiles through Virtual Job Shadow.

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

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**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!

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**Fund Your Education:**

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

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Get Started Today!

START APPLICATION



www.broward.edu