Associate of Science in Avionics – 2210

Career Pathway: Industry, Manufacturing, Construction & Transportation (IMCT)
Location(s): General education courses are available 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: This program prepares students to pursue careers as avionics technicians, installing and repairing communication and navigation radios in a wide variety of aviation applications. Graduates may work for OEMs, airlines, independent repair facilities, or other related jobs, and may hold supervisory positions within their company. Visit the program's website for more information.

Build Your Education

Aircraft Maintenance (General) 6364 (TC1) → Avionics Technician 6354 (TC2) → Avionics AS 2210 → Bachelor of Science

Recommended Course Sequence

The following course sequence is designed so that students may graduate in the least amount of time required. Deviation from this recommended sequence may cause a delay in graduation as not every course is offered every term.

Full Time	Part Time	Course ID	Description	Credits	TC1	TC2
Term 1	Term 1	AMT1751C	Math, Basic Physics, & Basic Electricity	3	X	X
		AMT1752C	A/C Drawings, Ground Opn's, FARs, Forms & Privileges	3	X	X
	Term 2	AMT1753C	Materials and Processes, Fluid Lines & Fittings	3	X	X
		AMT1754C	Weight and Balance, Cleaning & Corrosion Control	3	TC1	X
Term 2	Term 3	CGS1060C	Computer and Internet Literacy	3		
		AVS1010	Introduction to Avionics	3		X
	Term 4	AMT1231C	Avionics Installation and Troubleshooting I	3		X
		AMT1261C	Avionics Maintenance Fundamentals	3		X
Term 3	Term 5	ENC1101	Composition I	3		
		SPC1024 SPC1608	Introduction to Speech Communication or Public Speaking	3		
Term 4	Term 6	AMT2231C	Avionics Installation and Troubleshooting II	3		X
		AMT2261C	Avionics Line Maintenance Operations	3		X
	Term 7	AVS2700C	Avionics Component Repair and Calibration	3		X
		AVS2770C	Introduction to Avionics Engineering	3		TC2
Term 5	Term 8	AVS2760C	Introduction to Advanced Avionics	3		
		AVS2930	Emerging Technologies in Avionics	3		
	Term 9	ARH2000	Art Appreciation (recommended)	3		
		ECO2013	Principles of Macroeconomics (recommended)	3		
Term 6	Term 10	MGF1107	Survey of Mathematics (recommended)	3		
		EVR1001	Introduction to Environmental Science (recommended)	3		
			Total Program Credit Hours	60	12	33

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 Communication Commission (FCC) Element 1
- Federal Communication Commission (FCC) Element 3
- Federal Communication Commission (FCC) Element 8
- National Center for Aerospace & Transportation Technologies (NCATT), Aircraft Electronics Technician

Get Career Ready: Opportunities for connections with local employers will be readily available throughout the program. 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:
Please verify if this Program is Financial Aid eligible. Scholarships are available. Avionics Technician TC is part of the Career Source Broward ITAlist

Get Started Today!

START APPLICATION