



## Avionics Technical Certificate – 6354

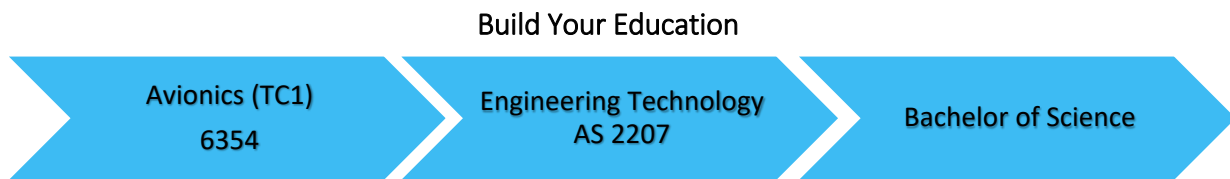
**Career Pathway:** [Industry, Manufacturing, Construction & Transportation \(IMCT\)](#)

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

**Program Description:** Broward College's Aviation Institute is proud to offer a 30-credit certificate program in Avionics. State-of-the-art NIDA electronics training equipment is utilized for this program. FCC General Radiotelephone Operator (GROL) license and NCATT Aircraft Electronics Technician (AET) testing is available on site. Avionics systems' testing and troubleshooting is accomplished utilizing Boeing 727 aircraft.

Avionics systems are an integral part of aircraft design and have vastly increased aircraft capability. As a result, the growing use of technology in aviation is requiring technicians to spend more time on repairing electronic systems, such as computerized controls. The course content includes, but is not limited to, troubleshooting, repair and installation of airborne radio communications, radio navigation and radar equipment systems in accordance with regulatory and industry standards. Also included is instruction in basic AM and FM transmitters/receivers and avionics equipment. Skills preparation for passing licensing/certification tests required by industry forms an integral part of the curriculum. Visit the program's [website](#) for additional information.

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



### Recommended Course Sequence

Full Time	Course ID	Description	Credits
<i>Term 1</i>	EET1084C	Introduction to Electronics	3
	CET1114C	Digital Techniques	3
	EET1015C	DC Circuits	3
	EET1025C	AC Circuits	3
	EET1141C	Linear Techniques	3
<i>Term 2</i>	EET2326C	Electronic Communications	3
	AMT1231C	Avionics Installation and Troubleshooting I	3
	AMT1261C	Avionics Maintenance Fundamentals	3
	AMT2231C	Avionics Installation and Troubleshooting II	3
	AMT2261C	Avionics Line Maintenance Operations	4
<b>Total Program Credits</b>			<b>31</b>

**\*Notes:** Many courses have 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. All courses require a "C" or higher.

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

- FCC General Radiotelephone Operator (GROL) license
  - NCATT Aircraft Electronics Technician (AET) License testing is available on site.
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**Get Career Ready:** The Airport Management track includes international airport internships opportunities. Internship, in the Air Traffic Control track, are offered in conjunction with local facilities and at Ft. Lauderdale-Hollywood International Airport (FLL). 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 not currently eligible for federal financial aid. Students may be eligible for other types of aid, please contact the financial aid office for more information or [visit our financial aid webpage](#) for a list of eligible programs approved for federal financial aid.

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**Get Started Today!**

**START APPLICATION**

