

# Certificate: Avionics Technology 24-25



## ABOUT THIS Certificate- Avionics Technology

This program provides the basic understanding and principles of basic electricity, basic physics, math, materials and processes, cleaning and corrosion control, soldering, cable fabrication, connector terminations, wire routing, electrical bonding, and system installation and testing. Career Options are Basic Aircraft Assembler, Avionics Technician, and Electrical Technician. More information, visit the [Career and Technical Education](#) division.

### TO EARN A Certificate A STUDENT MUST COMPLETE THE FOLLOWING:

- [1] Completion of Major & Program Electives Courses
- [2] Minimum grade point average of 2.0
- [3] A C or better in all courses required for the major

**Residency:** Minimum of 12 units completed at AVC with a minimum of 9 of those units completed from the certificate/major. (credit earned by examination will not be included in these 12 units) Title 5, Section 54000: <http://ccr.oal.ca.gov>.

### \*Certificate Only - Avionics Technology [Total Units 15]

Required Courses (15 units)	
ELTE110 - Electronic Mathematics	4
ELTE125 - Direct Current and Alternating Current Principles	5
ELTE145 - Acceptability of Electronic Assemble	6

## RECOMMENDED PATHWAY Certificate-Avionics Technology

The Recommended Plan of Study is determined by the discipline faculty.

- Take classes in **Summer** or **Intersession** if needed to complete your degree in a timely manner
- **[#]** recommended courses may select other options.
- Fall/Spring: Max 19 units, 12-15 units Recommended.
- This is a certificate only program, currently no associated degree offered.

TERM 1	
Course	Units
ELTE 110	4
ELTE 125	5
ELTE 145	6
Total Units	15

COUNSELING NOTE SECTION		
<p><b>Prerequisite:</b> If a course is listed as a prerequisite for another course, that prerequisite course must be completed with a satisfactory grade to enroll in the next course. A satisfactory grade is a grade of "A," "B," "C" or "P". Students who enroll in classes for which they do not meet the prerequisites will be involuntarily dropped. Students will be notified of this involuntary drop. Title 5, Section 55200(d)</p>		
<p>AVC 24-25 CATALOG: <a href="#">ACADEMIC POLICIES</a></p>		
<p>INFORMATION and RESOURCES</p>		
<p><a href="#">Tutoring Assistance</a></p> <p><a href="#">Transfer Center</a></p> <p><a href="#">Basic Needs</a></p>	<p><a href="#">Career Center</a></p> <p><a href="#">Office of Students with Disabilities</a></p> <p><a href="#">Financial Aid</a></p>	<p><a href="#">AVC Student Health Services</a></p> <p><a href="#">Palmdale Center</a></p> <p><a href="#">Counseling Division</a></p>