



Avionics Technology Certificate 21-22

Recommended Program Sequence

Term 1 (Fall/Spring: Max. 19 units, 12-15 units recommended)	Units	Term 2 (Fall/Spring: Max. 19 units, 12-15 units recommended)	Units
ELTE 110, Electronic Mathematics	4	ELTE 125+, Direct Current and Alternating Current Principles	5
ELTE 145, Acceptability of Electronic Assemblies (not in 2-year schedule)	6		
Summer: Max. 15 units, 12 units recommended			
Total	10	Total	5
		Graduate	

Take Summer classes if needed to complete the program in a timely manner.

The state requires all students to have a Comprehensive Educational Plan. Make a counseling appointment as soon as enrollment is established on any term. Come by the Counseling Center or call. Online Counseling is available: <https://www.avc.edu/student-services/counseling>

Avionics Technology Certificate: Complete 15 units:	Units
ELTE 110, Electronic Mathematics	4
ELTE 125+, Direct Current and Alternating Current Principles	5
ELTE 145, Acceptability of Electronic Assemblies	6
Total:	15

• **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>

• **Requirements for Two or More Associate Degrees:** To be eligible for multiple associate degrees, a student must have completed all of the graduation requirements for each degree.

• **Transfer:** Students planning to continue studies at a four-year college or university after AVC should visit the Transfer Resource Center or the Counseling Center and consult with a counselor as soon as possible to develop a plan of studies. Additional preparation for the major information on official transfer articulation agreements from AVC to many CSU/UC campuses can be found at the following Web site: www.assist.org

The “**Catalog Rights Policy**” sets forth the criteria used for determining the degree requirements under which students may graduate. Please refer to the AVC Catalog for a detailed description or consult with a counselor.

• **Advisory:** A condition of enrollment that a student is advised, but not required, to meet before or in conjunction with enrollment in a course or educational program.

• **Prerequisite:** A condition of enrollment that a student is required to meet in order to demonstrate current readiness for enrollment in a course or educational program. Prerequisites are enforced and a student will be blocked from enrolling or involuntarily dropped after enrolling if the student does not meet the stated prerequisite. A student must complete a course prerequisite with a satisfactory grade of A, B, C or P (pass).

• **Corequisite:** A condition of enrollment consisting of a course that a student is required to simultaneously take in order to enroll in another course. Corequisites are enforced and a student will be blocked from enrolling if the student does not meet the stated corequisite.

Other Requirements:

- Minimum grade of “C” required on each course
- Refer to catalog or online website for course listings and descriptions

Program Learning Outcomes

1. Analyze and evaluate critical aspects of the electronics industry related to safe work practices, standards and tolerances, standard shop practices, proper use of tools, test equipment, and personal protective equipment.
2. Analyze, evaluate, troubleshoot, and repair electronics systems.
3. Evaluate, read and properly interpret industry standard electronics schematics and technical manuals to assess, maintain, and repair electronics systems.