



ABOUT THIS MAJOR

The Electronics Technology curriculum is designed to prepare the student for employment as an electronic technician, avionics technician, medical equipment technician, and audio/video technician. This is the only electronic technician program certified by the Federal Aviation Administration (FAA). For more information on

Aeronautical & Aviation Technology, visit the [Aerospace, Industrial Arts and Applied Technologies \(CTE\)](#) division.

TO EARN A DEGREE 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

Cert- Electronics Technology (ELT1)

[Total Units Required for the Major: 30]

Required Courses (21 units)	
ELTE110 - Electronic Mathematics	4
ELTE125 - Direct Current and Alternating Current Principles <i>Prerequisite: Completion of or concurrent enrollment in ELTE 110</i>	5
ELTE130 - Digital Circuit Analysis <i>Prerequisite: Completion of or concurrent enrollment in ELTE 110 and 125</i>	4
ELTE135 - Analog Circuit Analysis <i>Prerequisite: Completion of ELTE 125</i>	4
ELTE235 - Electronic Communications I <i>Prerequisite: Completion of ELTE 135</i>	4

Complete one of the following Option 1 or Option 2 (6 units)	
OPTION 1:	
ELTE140 - Microprocessor Systems I <i>Prerequisite: Completion of or concurrent enrollment in ELTE 130</i>	3
ELTE220 - Microprocessor Systems II <i>Prerequisite: Completion of ELTE 140</i>	3
OR	
OPTION 2:	
ELTE180 - Microprocessor Systems <i>Prerequisite: Completion of ELTE 130</i>	6

Program Electives- Complete 3 units from the following:	
ELTE105 - Introduction to Robotics	3
ELTE145 - Acceptability of Electronic Assemble <i>Prerequisite: Completion of or concurrent enrollment in ELTE 110 and 125</i>	6
ELTE199 - Occupational Work Experience <i>LIMITATION ON ENROLLMENT</i>	1-8
ELTE252 - Introduction to Avionics	6
ELTE254 - Radio Telephone License <i>Prerequisite: Completion of ELTE 110 or ELTE 135</i>	3

RECOMMENDED PATHWAY Cert. Electrical Technology

The Recommended Plan of Study is determined by the discipline faculty. Take classes in **Summer** or **Interession** if needed to complete your degree in a timely manner!

Fall/Spring: Max 19 units | **Summer:** Max 9 units | **Interession:** Max 6 units

SEMESTER 1	
Course	Units
ELTE 110	4
ELTE 125	5
ELTE 130	4
Total Units	13

SEMESTER 2	
Course	Units
ELTE 135	4
OPTION 1 OR OPTION 2: Microprocessor System	6
Total Units	10

SEMESTER 3	
Course	Units
ELTE 235	4
PROGRAM ELECTIVE: ELTE 105 (rec.)	3
Total Units	7
TOTAL DEGREE UNITS	30

COUNSELING NOTE SECTION

Prerequisite: 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)

Application for Graduation:

Antelope Valley College awards degrees three times annually following the Fall, Spring, and summer semesters. Students must apply for graduation to earn their degree or certificate. **Applications are due by September 6 for spring/summer graduates and by February 14 for fall graduates.**

AVC 26-27 CATALOG: [ACADEMIC POLICIES](#)

INFORMATION and RESOURCES

Tutoring Assistance
Transfer Center
Basic Needs

Career Center
Office of Students with Disabilities
Financial Aid

AVC Student Health Services
Palmdale Center
Counseling Division