

# Electronics Technology Certificate 25-26



## ABOUT THIS MAJOR

The following courses (30 units) are required for the certificate. Students who successfully complete the certificate requirements are qualified for entry level positions as electronics technicians, test technicians, or field service technicians. These positions include aviation/avionics, test instrumentation, communications systems, navigational systems, computer related electronics, robotics and biomedical equipment repair.

For 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

### Cert- Electronics Technology

[Total Units Required for the Certificate/Major: 30]

Required Courses (21 units)	
ELTE110 - Electronic Mathematics	4
ELTE125 - Direct Current and Alternating Current Principles	5
ELTE130 - Digital Circuit Analysis	4
ELTE135 - Analog Circuit Analysis	4
ELTE235 - Electronic Communications I	4

Complete one of the following Option 1 or Option 2 (6 units)	
<b>OPTION 1:</b>	
ELTE140 - Microprocessor Systems I	3
ELTE220 - Microprocessor Systems II	3
OR	
<b>OPTION 2:</b>	
ELTE180 - Microprocessor Systems	6

Program Electives- Complete 3 units from the following:	
ELTE105 - Introduction to Robotics	3
ELTE145 - Acceptability of Electronic Assemble	6
ELTE199 - Occupational Work Experience	1-8
ELTE252 - Introduction to Avionics	6
ELTE254 - Radio Telephone License	3


## RECOMMENDED PATHWAY

### Electronics Technology Certificate




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!

Fall/Spring: Max 19 units | Summer: Max 9 units | Intersession: Max 6 units



 Major

 Program Elective



### SEMESTER 1

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

### SEMESTER 2

Course	Units
 ELTE 135	4
 ELTE 180 or ELTE 140 & 220	6
Total Units	10

### SEMESTER 3

Course	Units
 ELEC 235	4
 Program Elective: ELTE 105 ( rec.)	3
Total Units	13

### 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 25-26 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