

A.S. Electrical Technology Degree 25-26



ABOUT THIS MAJOR

Students who complete the associate degree have enhanced employability in the field as an Electrician. They have better chances for promotional opportunities into supervisory and management positions as they gain experience. The associate degree will also provide students with a broad range of knowledge with which to appreciate the environment, the culture, and the society in which they live. With the associate degree the student will have the ability to think and communicate clearly and effectively.

Successful students will gain experience in basic electricity, proper use of tools and test equipment, residential and commercial installations, the National Electric Code and electrical maintenance and repair. For more information, visit the [Career and Technical Education](#) division.

TO EARN A DEGREE A STUDENT MUST COMPLETE THE FOLLOWING:

- [1] Completion of a minimum of 60-semester units or 90 quarter units of degree applicable courses
- [2] A minimum of 18-semester units in a major
- [3] Completion of 21 units AVC General Education Requirements
- [4] Minimum overall grade point average of 2.0
- [5] A "C" or better in all courses required for the major

A.S. Electrical Technology

[Total Units Required for the Major 34]

Required courses, complete ALL the following	
ELEC110 - Fundamentals of Electricity	4
ELEC115 - Electrical Codes and Ordinances	4
ELEC120 - Residential Wiring	4
ELEC130 - Alternating Current Theory	3
ELEC140 - Commercial & Industrial Wiring & Cabling	4
ELEC150 - Electrical Maintenance	4
ELEC160 - Fundamentals of Motor Control	4
ELEC220 - Advanced Motor Control-PLC	4
ELEC250 - Electricians Journeyman Review	3

RECOMMENDED PATHWAY

Associate of Science in 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

■ Major ● General Education ▲ General Elective

SEMESTER 1

Course	Units
■ ELEC 110	4
■ ELEC 115	4
■ ELEC 120	4
● AVC GE Area 1A: EnglC1000/H {formally Engl 101}	3
Total Units	15

SEMESTER 2

Course	Units
■ ELEC 130	3
■ ELEC 140	4
■ ELEC 160	4
● AVC GE Area 5: Natural Sciences	3
Total Units	14

SEMESTER 3

Course	Units
■ ELEC 150	4
● AVC GE Area 1B: Oral Comm. & Critical Think	3
● AVC GE AREA 4: Social & Behavioral Sciences	3
● AVC GE Area 2: Math Conpts. & Quant. Rsng.	3
▲ GENERAL ELECTIVE	2
Total Units	15

SEMESTER 4

Course	Units
■ ELEC 220	4
■ ELEC 250	3
● AVC GE Area 3: Arts & Humanities	3
● AVC GE Area 6: Ethnic Studies	3
▲ GENERAL ELECTIVE	3
Total Units	16
Total Degree Units	60

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	Career Center Office of Students with Disabilities	AVC Student Health Services Palmdale Center
Basic Needs	Financial Aid	Counseling Division

2025-2026 AVC General Education Requirements									
Advising Form Effective Fall 2025 - Summer 2026									
GE AREA	COMPLETED	IN PROGRESS	NEED	The requirements for an AA or AS degree include the following: 1. A minimum of 60 semester units; with at least 12 semester units completed in residence at AVC for an AA/AS degree (credit earned by examination will not be included in these 12 units); maximum of 12 pass/no-pass credit units can be accepted towards an AA/AS degree. 2. Refer to each individual program for major requirements. All major courses as specified in the AVC catalog and AVC Area 1A must be completed with a grade of "C" or better. 3. An overall grade point average (GPA) of 2.0 ("C" average) is required. Double counting: While a course may satisfy more than one general education requirement, it may not be counted more than once for these purposes. A course may be used to satisfy both a general education requirement and a major or area of emphasis requirement. Prerequisite: If a course is listed as a prerequisite for another course, that prerequisite course must be completed with a satisfactory grade in order 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. <i>Title 5, Section 55200(d)</i> Complete at least 3 semester units from each of the following areas below: 1A, 1B, 2, 3, 4, 5, and 6. Minimum Total GE Units Required 21 semester units or 28-31.5 quarter units.					
				AREA 1: ENGLISH COMPOSITION, ORAL COMMUNICATION, AND CRITICAL THINKING 2 courses required, one from Area A and one from Area B, 6 semester or 8 quarter units					
				1A				Area 1A: English Composition: ENGL C1000, ENGL C1000H	
				1B				Area 1B: Oral Communication and Critical Thinking: COMM C1000, C1000H; ENGL C1001, C1001H, 102, 102H; PHIL 201	
AREA 2: Mathematical Concepts and Quantitative Reasoning 1 course, 3 semester or 4 quarter units									
2				MATH 103, 110, 116, 124, 128, 140, 148, 150, 150H, 160, 220, 230, 250; STAT C1000, C1000H					
AREA 3: ARTS AND HUMANITIES 1 courses, 3 semester units or 4 quarter units									
3				ART 100, 101, 101H, 102, 102H, 103, 104, 106, 113, 132, 135, 137, 140, 145, 163, 170, 213; CHIN 101, 102, 201, 202; DFST 101, 102, 201, 202; COMM 112, 114, 217, 219; DA 101, 113; ENGL 102, 102H, 114, 221, 222, 225, 227, 230, 231, 235, 242, 253, 253H, 256, 257, 259, 265, 279; FREN 101, 102, 201, 202, 203; FTV 101, 107, 108, 201, 203, 251; GER 101, 102, 201, 202; HIST 104, 105, 107, 107H, 108, 108H, 110, 110H, 111, 111H, 113, 115, 119; LATN 101, 102, 201; MUS 101, 101H, 105, 106, 110, 111, 120, 151; MUSC 102, 103, 107, 108, 109; PHIL 105, 105H, 106, 108, 109, 130, 140; NF 150; PHOT 107; PHTC 101, 150, 201; SPAN 101, 102, 1105S, 201, 202, 203, 2105S, 2205S; THA 101, 101H, 102, 103, 104, 106, 110, 111, 225, 239, 239H, 240					
AREA 4: SOCIAL AND BEHAVIORAL SCIENCE 1 course, 3 semester units or 4 quarter units									
4				AJ 206; ANTH 102, 103, 110, 112, 112H, 140; BUS 212; CFE 102, 103; DFST 105, 106, 110; ECON 100, 101, 101H, 102, 102H, 110; GEOG 105, 106, 110; HIST 104, 105, 107, 107H, 108, 108H, 110, 110H, 111, 111H, 113, 114, 116, 118, 119; POLS C1000, C1000H, 103, 200, 201, 202, 203; PSY 200, 201, 212, 230, 232, 233, 234, 235, 236; PSYC C1000, C1000H; SOC 101, 101H, 105, 110, 111, 112, 115, 116, 120, 200;					
AREA 5: NATURAL SCIENCES 1 course, 3 semester units or 4 quarter units									
5				ANTH 101, 101H; ASTR 101, 101H; BIOL 100, 101#, 102, 103, 104, 104H, 110, 120, 201, 202, 204, 205; CHEM 101, 102, 110, 120, 210, 220; ELTE 101; ERSC 101; GEOG 101, 102; GEOL 101, 102; PHYS 101, 102, 110, 120, 211; PSCI 101 <i>#Students must register for the required lab component (BIOL 101L) separately.</i>					
AREA 6: ETHNIC STUDIES 1 course, 3 semester units or 4 quarter units									
6				ETHN 101, 102, 110, 111, 112, 113, ENGL 257 or ETHN 257EN					