



ABOUT THIS MAJOR

The automotive technology program provides hands-on instruction, knowledge, and skills in the major automotive systems. The curriculum prepares students for entry-level employment in the automotive industry. Classes vary from entry level to advanced training in specialized topics. The curriculum will help students for industry certification tests. Students must receive a minimum grade of "C" or better in all required core courses to qualify for the degree or certificate. 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.- All Automotive Systems (AUS1)

[Total Units Required for the Major 48]

Required Courses: Complete all the following (Total 48 units)	
AUTO100 - Introduction to Automotive Technology	4
AUTO160 - Automotive Electrical Fundamentals	4
AUTO211 - Automotive Engine Operation and Repair <i>Prerequisite: Completion of AUTO 100</i>	6
AUTO220 - Automatic Transmissions and Transaxles <i>Prerequisite: Completion of AUTO 100</i>	5
AUTO230 - Manual Transmissions, Transaxles, and Drivelines <i>Prerequisite: Completion of AUTO 100</i>	4
AUTO240 - Automotive Suspension and Steering <i>Prerequisite: Completion of AUTO 100</i>	6
AUTO250 - Automotive Brake Systems <i>Prerequisite: Completion of AUTO 100</i>	5
AUTO260 - Automotive Electrical Systems <i>Prerequisite: Completion of AUTO 160</i>	5
AUTO270 - Automotive Heating and Air Conditioning <i>Prerequisite: Completion of AUTO 100 and AUTO 160</i>	4
AUTO280 - Automotive Engine Performance <i>Prerequisite: Completion of AUTO 100 and AUTO 160</i>	5

RECOMMENDED PATHWAY

Cert. All Automotive Systems

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

SEMESTER 1	
Course	Units
AUTO 100	4
AUTO 160	4
Total Units	8

SEMESTER 2 (SPRING -1)	
Course	Units
AUTO 211	6
AUTO 260	5
Total Units	11

SEMESTER 3	
Course	Units
AUTO 270	4
Total Units	4

SEMESTER 4	
Course	Units
AUTO 220	5
AUTO 230	4
AUTO 280	5
Total Units	14

SEMESTER 5	
Course	Units
AUTO 240	6
AUTO 250	5
Total Units	11
TOTAL UNITS	48

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

Career Center
Office of Students with Disabilities

AVC Student Health Services
Palmdale Center

Basic Needs

Financial Aid

Counseling Division