

Practical Robotics Certificate 25-26

(Non-Credit)



ABOUT THIS MAJOR

Embark on an exhilarating journey into the dynamic field of robotics with our Certificate of Completion program. This comprehensive curriculum integrates foundational principles from Introduction to Robotics with advanced

applications explored in Applications of Robotics. Throughout the program, students delve into robotics components, programming techniques, and project-based learning scenarios, honing their skills in motion, sensing, and competition-oriented challenges. By program completion, students emerge equipped with a robust understanding of robotics technology, prepared to innovate and excel in industries and disciplines leveraging automation and robotics solutions.

For more information, visit the [Mathematics, Sciences, and Engineering](#)

TO EARN A CERTIFICATE A STUDENT MUST COMPLETE THE FOLLOWING:

[1] A minimum grade "P" on each course

(Noncredit) CERT- Practical Robotics

[Total Hours required for certificate: 108]

Require Course, complete ALL the following: (total 108 hours)	
ENGR905 - Introduction to Robotics	54
ENGR955 - Applications of Robotics	54

RECOMMENDED PATHWAY

Practical Robotics Certificate (Noncredit)

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

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

☐ Major

SEMESTER 1

Course Advisement	Hours
<input type="checkbox"/> ENGR905	54
Total Hours	54

SEMESTER 2

Course Advisement	Hours
<input type="checkbox"/> ENGR955	54
Total Hours	54

Total Overall Hours | **108**

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