

26-27 Cert. Practical Microcontrollers (PMC) (NONCREDIT)

ABOUT THIS MAJOR



Embark on an enriching journey into the realm of microcontrollers with our Certificate of Completion program. This comprehensive curriculum blends foundational knowledge from Introduction of Microcontrollers with advanced applications explored in Applications of Microcontrollers. Throughout the program, students delve into microcontroller components, programming techniques, and project-based learning scenarios, honing their skills in sensor integration, automation, and interfacing with other languages. By program completion, students emerge equipped with a comprehensive understanding of microcontroller technology, ready to innovate and excel in industries and disciplines requiring embedded systems expertise. For more information, visit [the Math and Science division](#).

TO EARN A DEGREE A STUDENT MUST COMPLETE THE FOLLOWING:

[1] Complete all required courses with a minimum grade of "P"/"SP"

Cert. - Practical Microcontrollers (PMC)

[Total Hours Required for the Major 108]

Core Course (Total 108)	
ENGR910 - Introduction to Microcontrollers	54
ENGR960 - Applications of Microcontrollers	54
Prerequisite: Completion of ENGR 910	

RECOMMENDED PATHWAY

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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	Hours
ENGR 910	54
Total Hours	54

SEMESTER 2	
Course	Hours
ENGR 960	54
Total Hours	54
Total 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 26-27 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