

26-27 Welding Certificate (WLD1)



ABOUT THIS MAJOR

Students who complete the associate degree have enhanced employability in the field of Welding Technology. They are well prepared for employment in a wide variety of welding

applications including but not limited to, Shielded Metal Arc Welding (SMAW "Stick"), Gas Metal Arc Welding (GMAW "Mig"), Gas Tungsten Arc Welding (GTAW "Tig"). Students will also be able to read and interpret welding symbols and blue prints relating to welding application. Students will also have the experience and skills needed for welding inspection and management positions. The associate degree will also provide students with a broad range of knowledge with which to evaluate and appreciate the physical environment, the culture, and the society in which they live and with the ability to think and communicate clearly and effectively. 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-Welding (WLD1)

[Total Units Required for the Certificate 28]

Required Courses (total 28 units)	
WELD110 - Oxyacetylene Welding, Cutting and Brazing	2
WELD120 - Basic Shielded Metal Arc Welding	2
WELD130 - Advanced Shielded Metal Arc Welding	2
Prerequisite: Completion of WELD 120.	
WELD135 - Gas Metal Arc Welding	2
Prerequisite: Completion of WELD 110	
WELD137 - Gas Tungsten Arc Welding Fundamentals	2
Prerequisite: Completion of WELD 110	
WELD212 - Performance Welding-Arc Welding Processes	4
Prerequisite: Completion of WELD 130, 135, and 137	
WELD230 - Welding Symbols and Print Reading	3
Prerequisite: Completion of WELD 110.	
WELD240 - Welding Layout	3
Prerequisite: Completion of WELD 110	
WELD260 - Certification Welding-L.A. City Building Code	4
Prerequisite: Completion of WELD 130.	
WELD265 - Structural Flux Cored Arc Welding	4
Prerequisite: Completion of WELD 130	

RECOMMENDED PATHWAY Welding 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

SEMESTER 1	
Course	Units
WELD 110	2
WELD 120	2
Total Units	4

SEMESTER 2	
Course	Units
WELD 130	2
WELD 230	3
WELD 135	2
Total Units	7

SEMESTER 3	
Course	Units
WELD 212	4
WELD 240	3
WELD 137	2
Total Units	9

SEMESTER 4	
Course	Units
WELD 260	4
WELD 265	4
Total Units	8
Total Certificate Units	28

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