

26-27 Cert. Aerospace Welding (AWS)



ABOUT THIS MAJOR

The Aerospace Welding Certificate program is designed to prepare students for employment in the Aerospace Welding Industry and related areas. The curriculum provides training in

manipulative skills, technical knowledge and related trade information in addition to preparing students for Aerospace Welding Certification. 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

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[Total Units Required for the Certificate 18]

Required AFAB Courses (total 3 units)	
AFAB110 - Introduction to Aircraft Structures, Blueprints, and Manufacturing Documentation	3

Required WELD Courses (total 15 units)	
WELD110 - Oxyacetylene Welding, Cutting and Brazing	2
WELD137 - Gas Tungsten Arc Welding Fundamentals <i>Prerequisite: Completion of WELD 110.</i>	2
WELD142 - Aerospace Welding Processes <i>Prerequisite: Completion of WELD 137</i>	4
WELD200 - Advanced Aerospace Welding Processes <i>Prerequisite: Completion of WELD 142</i>	4
WELD230 - Welding Symbols and Print Reading <i>Prerequisite: Completion of WELD 110</i>	3

RECOMMENDED PATHWAY Aerospace 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
AFAB 110	3
WELD 110	2
Total Units	5

SEMESTER 2	
Course	Units
WELD 137	2
Total Units	2

SEMESTER 3	
Course	Units
WELD 142	4
WELD 230	3
Total Units	7

SEMESTER 4	
Course	Units
WELD 200	4
Total Units	4
Total Degree Units	18

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