

WELDING TECHNOLOGY: AS DEGREE

This is an extensive two year program in all phases of welding: oxyacetylene, semiautomatic MIG & TIG, and submerged arc, as well as stick electrode. Classes must be taken in sequence. A certificate will be granted upon completion of the required Welding courses.

Degree Requirements

Code	Title	Units
Required Courses		
WELD-120	Welding Technology 1	7
WELD-121	Welding Technology 2	7
WELD-240	Welding Technology 3	7
WELD-241	Welding Technology 4	7
DDGT-110	Technical Drawing Fundamentals	3
MACH-100	Machine Shop Practice	3
PHOT-120	Introduction to Photography	3
PHYS-110	Descriptive Physics	3
PHYS-111	Descriptive Physics Laboratory	1
TECH-92	Technical Mathematics 1	3
TECH-107	Technical Mathematics II	3
Total Units		47

Notes:

All required courses must be completed with a grade of "C" or better. Consultation with the Program Coordinator is required.

To receive an Associate Degree, students must complete 60 degree applicable semester units with a grade point average of at least 2.0. Students must also complete the NVC General Education (<https://catalog.napavalley.edu/getting-your-degree/general-education/#nvcgeneraleducationtext>) pattern to earn an Associate degree. Consultation with a Counselor is highly encouraged to ensure all requirements are met.

Course Sequencing

Course	Title	Units
First Year		
Fall		
MACH-100	Machine Shop Practice	3
TECH-92	Technical Mathematics 1	3
WELD-120	Welding Technology 1	7
Physical Education ¹		1
Units		14
Spring		
PHOT-120	Introduction to Photography	3
TECH-107	Technical Mathematics II	3
WELD-121	Welding Technology 2	7
English Composition ²		3-4
Units		16-17
Second Year		
Fall		
DDGT-110	Technical Drawing Fundamentals	3
PHYS-110	Descriptive Physics	3

PHYS-111	Descriptive Physics Laboratory	1
WELD-240	Welding Technology 3	7
Physical Education ¹		1
Units		15
Spring		
WELD-241	Welding Technology 4	7
Social and Behavioral Science ³		3
Physical Education ¹		1
Electives ⁴		4-5
Units		15-16
Total Units		60-62

- ¹ PE/Health Education Graduation Requirement: Students must complete 3 units of Physical Education/Dance courses or HELH-106.
- ² Students must complete 3 units minimum of English Composition from Area D1.
- ³ NVC General Education Area B: Social and Behavioral Science: ANTH-121; ANTH-180; CFS-140, CFS-180; HIST-145, HIST-150, HIST-152; PSYC-128 will double count for the AS Degree requirements in Multicultural/Gender Studies and Social Science.
- ⁴ Electives: Students must complete 60 degree applicable units to earn an Associate's Degree.