



Fresno City College

WELDING TECHNOLOGY
2024-2025

Name: _____

ID: _____

Date: _____

Counselor Contact: _____

A grade of "C" or better is required in the following courses

ASSOCIATE IN SCIENCE	C-ID	Units	Completed	In Progress	Planned
AT 10, Technical Computer Applications		3			
AT 21, Occupational Safety & Health		2			
AT 40, Preparing for Employment Opportunities		3			
AT 130, Precision Measurements OR WELD 130 Precision Measurements		3			
DRAFT 12, Drafting Practices		3			
WELD 2A, Introduction to Welding Technology AND WELD 2B, Advanced Multi-Process Welding OR WELD 6A, Shielded Metal Arc Welding Theory and Application AND WELD 6B, Semi-Automatic Wire Feed Welding AND WELD 6C, Gas Tungsten Arc Welding Theory and Application	WELD 113X WELD 101X WELD 102X WELD 104X	10.5-11			
Select one option (14-17 units):					
METAL FABRICATION OPTION (F.8371.AS): (39.5-42 units)					
CADD 22, CAD for Fabrication		3			
WELD 3A, Welding Design and Fabrication	WELD 114X	5			
WELD 3B, Advanced Welding Design and Fabrication	WELD 114X	5			
Recommended Electives: Select one (1) course CAM 10; ENGR 10, 11; WELD 3C, 10, 56		2-4			
PIPE AND STRUCTURAL STEEL CERTIFICATION (F.8375.AS): (38.5-41 units)					
WELD 4A, Heavy Plate, Structural Steel & Welding Certification		5			
WELD 4B, Pipe, Tube Welding and Certification		5			
Recommended Electives: Select two (2) courses CADD 14, 24; ENGR 10, 11; WELD 56		4-6			

Notes:

1. Welding technology provides an opportunity for students to prepare for employment in welding and metal occupations. Specific preparation is provided in welding and metal fabrication or pipe and steel certification procedures.
2. Some of the above courses may have prerequisites. See the catalog or schedule of classes.
3. The *Associate Degree* requires completion of the major for Metal Fabrication Option (39.5-42) and for Pipe and Structural Steel Certification (38.5-41) units with a "C" or better grade in each course. Students must complete one of the three

different general education patterns: option 1 – Fresno City College General Education, option 2 – CSU GE Breadth–California State University General Education, OR option 3 – IGETC – Intersegmental General Education Transfer Curriculum for a total of **60 semester units minimum** with a 2.0 or better GPA.