



# Fresno City College

WELDING TECHNOLOGY  
2018-2019

Name: \_\_\_\_\_

ID: \_\_\_\_\_

Date: \_\_\_\_\_

Advisor Contact: \_\_\_\_\_

**Major Requirements: 40-43 units**

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

CERTIFICATE OF ACHIEVEMENT	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, Industrial Mathematics OR MATH 201, Elementary Algebra		3-5			
DRAFT 12, Drafting Practices		3			
WELD 2A, Introduction to Welding Technology		6			
WELD 2B, Advanced Multi-Process Welding		5			
<b>Select one option (15-16 units):</b>					
<b>METAL FABRICATION OPTION (F.8371.CA):</b>					
CADD 16, 3D Solid Modeling I		3			
WELD 3A, Welding Design and Fabrication		5			
WELD 3B, Advanced Welding Design and Fabrication		5			
Approved Elective <b>Recommended Electives:</b> CAM 10; CADD 24, 34; ENGR 10, 11; WELD 56		2-3			
<b>PIPE AND STRUCTURAL STEEL CERTIFICATION OPTION (F.8372.CA):</b>					
WELD 4A, Heavy Plate, Structural Steel & Welding Cert		5			
WELD 4B, Pipe, Tube Welding & Certificate		5			
Approved Elective: choose two courses <b>Recommended Electives:</b> CAM 10; CADD 14, 24; ENGR 10, 11; WELD 56		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 *Certificate of Achievement* requires completion of the major (40-43 units) with a "C" or better grade in each course.