

# WELDING TECHNOLOGY CERTIFICATE

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**PROGRAM CODE:** 2C08417A

The **Welding Technology Certificate** is designed to prepare students to apply a variety of welding processes in the workplace. This certificate requires a total of 23-29 units. A minimum grade of C is required in each course taken. At least one half of the units toward the certificate must be completed at Fullerton College.

Code	Title	Units
<b>Required Courses (18-20 units):</b>		<b>18-20</b>
WELD 100 F	Introduction to Welding (formerly WELD 121AF)	3-5
or WELD 091AF	Industrial Welding Fundamentals	
WELD 091BF	Semi-Automatic Welding Applications	5
WELD 091CF	Manual Arc Welding Fundamentals	5
WELD 091DF	Structural Welding Certification	5
<b>Restricted Electives (5-9 units):</b>		<b>5-9</b>
DRAF 101 F	Blueprint Reading for Manufacturing (formerly DRAF 070 F)	2
DRAF 171 F	Fundamentals of Drafting	2
MACH 116 F	Machine Tools	2
METL 192 F	Fundamentals of Metallurgy	3
TECH 081 F	Technical Mathematics I	3
TECH 108 F	Manufacturing Processes	3
WELD 096 F	Welding Inspection Technology	5
WELD 098 F	Welding Fabrication Technology	2
TECH 127 F	Industrial Safety	2
<b>Total Units</b>		<b>23-29</b>

**Outcome 1:** Demonstrate one or more of the five core welding processes and applied relevant safety practices.

**Outcome 2:** Demonstrate code compliant requirements for Welding.

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