

Sample Academic Plan: Welding Technology- Welding Certificate of Achievement

Catalog: 22-23

GE Pattern: N/A

Part Time, Total Units: 25-26

NOTE: This program roadmap represents one possible pathway to complete the program. Please see a counselor to create an academic plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability. For counseling appointments call (916) 660-7400.

First Year

Semester 1 (6 units)

Course Number	Course Title	Units	Area
WELD 0001A	Introductory Welding for Metalworking	2 units	Major Elective
WELD 0001B	Principles of Fabrication	2 units	Major
WELD 0002A	Wire Feed Welding Processes- Career Path	2 units	Major

Semester 2 (9 units)

Course Number	Course Title	Units	Area
WELD 0003A	Introduction to Gas Welding- Preparing for GTAW	2 units	Major Elective
WELD 0003B	Gas Tungsten ARC Welding (TIG) Career Path	2 units	Major
WELD 0005A	Introduction to Shielded Metal Arc Welding- Career	2 units	Major
WELD 0005B	Intermediate Shielded Metal ARC Welding- Career	2 units	Major
WELD 0005C	Structural Steel Welding Certification	1 unit	Major

Second Year

Semester 3 (7-8 units)

Course Number	Course Title	Units	Area
WELD 0015A	Shielded Metal ARC Welding on Pipe	2 units	Major
WELD 0015B	Pipe Welding Certification- Uphill	1.5 units	Major Elective
WELD 0015C	Pipe Welding Certification- Downhill	.5 units	Major Elective
MATH 0013/MATH 0018	Elementary Statistics/Nature of Math	3-4 units	Major Elective

Semester 4 (3 units)

Course Number	Course Title	Units	Area
WELD 0011	Welding Metallurgy	3 units	Major