Welding Technology

Career Start

Year One

1.29.26

Gas Metal Arc Welding Certificate

Fall

WEL 1000 — Safety for Welders (1)

WEL 1006 — Blueprint Reading for Welders & Fitters (4)

WEL 1013 — Oxyfuel & Plasma Cutting (2)

WEL 1025 — Intro to Gas Metal Arc Welding (4)

Spring

WEL 1014 — Oxyacetylene Welding

WEL 2025 — Advanced Gas Metal Arc Welding

WEL 2050 — Layout & Fabrication

Year Two

Basic Welding Certificate
Gas Tungsten Arc Welding Certificate
Shielded Arc Metal Welding Certificate

Fall

WEL 1021 — Structural Welding I (3)

WEL 1024 — Gas Tungsten Arc Welding I (3)

WEL 2005 — Intro to Ornamental Iron (4)

WEL 2025 — Advanced Gas Metal Arc Welding (4)

Spring

WEL 1022 — Structural Welding II (3)

WEL 2024 — Gas Tungsten Arc Welding II (4)

WEL 2064 — Creative Welding (4)

*Courses may include adult learners
Courses subject to change

Earn Certificates!
Basic Welding Certificate
Gas Metal Arc Welding (GMAW)
Gas Tungsten Arc Welding (GTAW)
Shielded Metal Arc Welding (SMAW)

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High School Programs
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Welding Technology-WEL
Career Start

First Year Students

Fall

WEL 1000-Safety for Welders
WEL 1006-Blueprint Reading for Welders & Fitters
WEL 1013-Oxyfuel & Plasma Cutting
WEL 1021-Structural Welding I
WEL 1025-Intro to Gas Metal Arc Welding

Spring

WEL 1022-Structural Welding II
WEL 1024-Introduction to Gas Tungsten Arc Welding
WEL 2024-Advanced Gas Tungsten Arc Welding
WEL 2025-Advanced Gas Metal Arc Welding

Second Year Students

Fall

WEL 2000-Advanced CAD/CAM Cutting Process
WEL 2030-Pipe Welding I
WEL 2063-Applied Metal Properties

Spring

WEL 2005-Introduction to Ornamental Iron
WEL 2031-Pipe Welding II
WEL 2050-Layout and Fabrication

Completion of these 2 years earns the following certificates:
Gas Metal Arc Welding (GMAW)
Gas Tungsten Arc Welding (GTAW)
Shielded Metal Arc Welding (SMAW)
Pipe Welding

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