

Welding and Fabrication Technology

Associate of Applied Science

Total credits: 90.0

■ Major Course ■ General Education Course ■ Elective Course ■ Milestone



Pre-Program Information

0.0 credits

Milestone: Course Fees

Term 1

Fall

16.0 credits

WLD 110 — Basic Arc Welding — 4.0 credits — Major Course

WLD 120 — Fab and Repair Practices I — 4.0 credits — Major Course

WLD 130 — Print Reading Applications — 4.0 credits — Major Course

WLD 150 — Math and Measurement for Welders — 4.0 credits — Major Course

Milestone: Meet with your academic advisor

Term 2

Winter

18.0 credits

WLD 111 — Intermediate Arc Welding — 5.0 credits — Major Course

WLD 121 — Fab and Repair Practices II — 4.0 credits — Major Course

WLD 131 — Welding Symbols and Fab Drawings — 1.0 credits — Major Course

WLD 133 — CADD to CNC Processing — 2.0 credits — Major Course

WLD 151 — Technical Writing for Welders — 3.0 credits — Major Course

WLD 152 — Teamwork Skills for Welders — 3.0 credits — Major Course

Milestone: Meet with your academic advisor

Term 3

Spring

14.0 credits

WLD 132 — Layout Procedures for Sheet Metal and Pipe — 4.0 credits — Major Course

WLD 112 — Advanced Arc Welding — 5.0 credits — Major Course

WLD 122 — Fab and Repair Practices III — 4.0 credits — Major Course

WLD 182 — Career Planning and Interview Skills — 1.0 credits — Major Course

Milestone: Meet with your academic advisor

Term 4

Fall

13.0 credits

MTOL 191 — Introduction to Manual Machining — 2.0 credits — Major Course

WLD 220 — Fabrication Practices IV — 4.0 credits — Major Course

WLD 232 — Advanced Welding Techniques — 2.0 credits — Major Course

WLD 240 — Machinery Operation Maintenance — 3.0 credits — Major Course

WLD 260 — Into to Pipe Welding — 2.0 credits — Major Course

Milestone: Meet with your academic advisor

Milestone: Apply for graduation

Term 5

Winter

18.0 credits

WLD 221 — Fab and Repair Practices V — 4.0 credits — Major Course

WLD 230 — Advanced Fab Techniques — 3.0 credits — Major Course

WLD 241 — Basic Electricity and Fluid Power for Welders — 3.0 credits — Major Course

NDT 100 — Intro to Nondestructive Test — 3.0 credits — Major Course

WLD 281 — Welding Seminar — 2.0 credits — Elective Course or **WE1. 2802** CWE Welding

EG4. 409 — Drafting Fundamentals — 3.0 credits — Elective Course or other **Elective** course from the catalog

Map continues on the next page →

This program map represents one possible pathway through the program and is for reference only. Make an appointment with the [First Resort](#) (prospective students) or [Advising](#) (current students) to receive personalized guidance.

Welding and Fabrication Technology (continued)



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Term 6
Spring 11.0 credits

WLD 222 — Fabrication Practices VI — 4.0 credits — Major Course
WLD 231 — Welding and Fabrication Capstone — 4.0 credits — Major Course
WLD 250 — Practical Metallurgy — 3.0 credits — Major Course

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