

Industrial Pipe Trades: Fitting and Welding

Associate of Applied Science

Total credits: 91.0

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



Pre-Program Information

0.0 credits

Milestone: Course Fees

Term 1

Fall

16.0 credits

PFW 131 — Introduction to Pipe Processing and Preparation — 3.0 credits — Major Course

PFW 166 — Pipe Welding Practices I — 4.0 credits — Major Course

PFW 170 — Introduction to Pipe Fitting — 1.0 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

17.0 credits

PFW 132 — Intermediate Pipe Processing and Preparation — 3.0 credits — Major Course

PFW 167 — Pipe Welding Practices II — 4.0 credits — Major Course

PFW 171 — Intermediate Pipe Fitting — 2.0 credits — Major Course

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

APR 110 — Essential Workplace Skills for Success — 3.0 credits — General Education Course

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

Milestone: Meet with your academic advisor

Term 3

Spring

15.0 credits

PFW 133 — Advanced Pipe Processing and Layout — 4.0 credits — Major Course

PFW 168 — Pipe Welding Practices III — 4.0 credits — Major Course

PFW 172 — Advanced Pipe Fitting — 3.0 credits — Major Course

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

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

Milestone: Meet with your academic advisor

Term 4

Fall

15.0 credits

PFW 220 — Pipe Fit-up and Field Welding I — 5.0 credits — Major Course

PFW 242 — Alternative Joining Methods — 2.0 credits — Major Course

PFW 269 — Pipe Welding Practices IV — 5.0 credits — Major Course

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

Milestone: Meet with your academic advisor

Milestone: Apply for graduation

Term 5

Winter

15.0 credits

PFW 182 — Industrial Metal Trades Safety — 2.0 credits — Major Course

PFW 221 — Pipe Fit-up and Field Welding II — 5.0 credits — Major Course

PFW 235 — Pipe Trades Prep for Certification — 5.0 credits — Major Course

WLD 250 — Practical Metallurgy — 3.0 credits — Major Course

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.

Industrial Pipe Trades: Fitting and Welding (continued)



Associate of Applied Science

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Term 6
Spring 13.0 credits

- PFW 255** — Welder Certification Plate and Pipe — 5.0 credits — Major Course
- PFW 263** — Pipe Trades Capstone — 5.0 credits — Major Course
- PFW 291** — Pipes Codes and Guidelines — 1.0 credits — Major Course
- MTOL 101** — Manufacturing Processes I — 2.0 credits — Elective Course
or other *Elective* course from the catalog

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