

Welding Technology for Adults



Many students don't realize the rapid expansion of the welding industry, placing metal fabricators in high demand.

Welding is evident in
the tombs built by the
Egyptians.

WELDING 300 / 600 HOURS

GENERAL KNOWLEDGE

Course Length

300 Hours

600 Hours

Who Can Enroll

Adults

Schedule

Monday & Thursday
5:30 PM—9:30 PM

Part Time

\$7,815.00 (300)

\$9,695.00 (600)

Books & Fees

\$80.00 (300)

\$100.00 (600)

Equipment & Clearances

\$100.00 (300)

\$200.00 (600)

Total

\$7,995.00 (300)

\$9,995.00 (600)

Average

Pennsylvania Salary

\$19.59



Welders who keep up to date on the latest technology are in high demand with employers. Welding skills are highly transferable, so a welder can move from one area or one employer to another in pursuit of a better salary or a more suitable place of employment. The recent boom in domestic energy production has increased the demand for welders to build, maintain and repair rigs or pipelines in states like Pennsylvania, Texas and North Dakota.

HELPFUL ATTRIBUTES & ABILITIES

Mathematical Skills
Attention to Detail
Physical Abilities
Administrative
Technology and Tools

Tuition, fees, career majors, courses and hours are subject to

WELDING 300 / 600 HOURS

COURSE HIGHLIGHTS



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WACTC has a long and storied history of success. The Advanced Specialty Welding program was developed to meet the demands of local businesses who continuously have a need for talented craftsmen. Their expertise was instrumental in creating the final product.

COURSE HIGHLIGHTS

Flux-Cored Arc Welding (FCAW) * Gas Metal Arc Welding (GMAW) * Gas Tungsten Arc Welding (GTAW) * Shielded Metal Arc Welding (SMAW) * Oxy-Fuel/Oxyacetylene Welding and Cutting * Fabrication Techniques and Practices * Pipe Welding Welding Safety * Blueprint Reading

THE WACTC WAY

WACTC prides itself on having 36 booths in the largest welding training facility in the area. Instructors are experts in the industry that believe in the hands-on approach to learning.

WELDING 300 / 600 HOUR FREQUENTLY ASKED QUESTIONS



Q. How long is the course?

Our evening programs are conducted two nights a week, four hours a night. Our 300 hour program runs for approximately 38 weeks. Our 600 hour option is also two nights per week at four hours per session and it will take nearly 80 weeks to finish. Both evening programs are a little faster paced than our daytime offering.

Q. How much does it cost?

WACTC is a non-profit institution, so we really try to keep our costs down. The 300 hour evening selection is \$7,995.00. The 600 hour evening course is \$9,995.00. Financial aid may be available to those who qualify. We have financial experts on staff to assist you in the process.

Q. Are there job opportunities for me when I'm finished?

The Welding program is in great demand by numerous industries s/a: The nation's infrastructure which will require the expertise of welders, cutters, solderers, and brazers to help rebuild bridges, highways, and buildings. Also, the construction of new power generation facilities and, specifically, pipelines transporting natural gas and oil may result in new jobs. . Those with the skills and determination will find the rewards quite lucrative .

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WELDING 300 / 600 HOUR

FACTS & FIGURES

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COURSE OBJECTIVE:

Students will obtain education and skills in various areas of Welding.

COURSE DESCRIPTION:

This 300 and 600 hour course prepares students in oxy-fuel, shielded metal arc, gas metal arc, gas tungsten arc, flux core welding, carbon arc, plasma cutting, manual and radiograph cutting and oxy-fuel brazing processes. Students will learn the use of measuring instruments, hand tools, portable grinders, metallurgy, blueprint reading, electrical principles, layout and design, fabrication, practical problems in Math, preparation of materials lists, cost estimating and quality assurance methods. Successful students will be given the opportunity to earn AWS certifications.

COURSE TOPICS:

Flux Core Welding | Gas Metal ARC Welding | Oxy-fuel Brazing | Oxy-fuel Cutting-Machine | Oxy-fuel Cutting-Manual | Oxy-fuel Welding | Plasma Cutting Shielded Metal ARC Welding

SPECIALIZED SHOP EQUIPMENT:

Inverter Technology GMAW | Inverter Technology SMAW | Ironworking Shear/Press/Punch | Square Wave GTAW