



**Advanced
Career
Institute**

Advanced Welding Technology

Welding

Is the Advanced Welding Technology Program right for me?

Our 760 clock Hour Advanced Welding Technology Program is the perfect program for people who have *LITTLE* to *NO* experience in the welding industry. If the following qualities describe you, our Welding Technology program might be a good Career choice:

- ✓ Reliable
- ✓ Courteous
- ✓ Alertness
- ✓ Honesty
- ✓ Detail-Oriented
- ✓ Stress Management Skills
- ✓ Patient
- ✓ Self-Dependent
- ✓ Good Concentration Skills

What Will I Learn?

This welding program is designed to provide entry level training and practical skills in: Oxy-Acetylene cutting and brazing, SMAW (Arc), GMAW (Mig), FCAW (Flux Core), GTAW (Tig), ferrous & non-ferrous metals, including purge welding of sanitary process pipe. In addition to preparing students for AWS welder performance certifications, students will also learn shop and site safety practices, blue print reading, principles of metallurgy, construction math, hand and power tool usage, and basic layout techniques used in the fabrication industry.

This program is designed to meet trade expectations for safety and skills, that are required for the welding industry. Students will become proficient in Oxy-Acetylene cutting and brazing, SMAW, GMAW, FCAW, and GTAW welding, using hands-on training with industry standard equipment. Students will weld ferrous and non-ferrous metals using a variety of processes and will be given the opportunity to take (2) AWS Welder performance certification tests. Upon successful completion of this program, the student will be issued a Certificate of completion.

Outcome Certification Opportunities:

American Welding Society (AWS) welder performance certifications.

Career & Educational Path:

Upon completion of this program, students may work as a welding specialist, and may continue their training and education for degrees in mechanical engineering, manufacturing, and applied science-based degrees.



Why ACI?

Hands-On Training

ACI has formulated its curriculum to meet the needs of students who are career focused. Our hands-on curriculum and training is designed to help students adapt quickly from study, to practical application in their new career. You can stand out among your peers with industry knowledge, you gained at ACI.

Experienced & Qualified Instructors

Our instructors are professionals in their fields, and bring current industry insight right into the classroom. They are selected for their industry background & experience and bring our students their relevant, on-the-job experience that you can't get in a textbook.

Financial Aid

As a nationally accredited institution, we are authorized to offer various financial aid programs to those who qualify (Financial Aid is NOT available for all of our programs). A financial aid representative will walk you through the process and explain your options.

Nationally Accredited

Advanced Career Institute takes pride in being a *FULLY* accredited school, that offers Welding as one of its programs. Advanced Career Institute is accredited by the Commission of the Council on Occupational Education (COE), a national institutional accrediting body recognized by the U.S. Department of Education.



For more information about our graduation rates, median loan debt of student who completed the program, and other important information, please visit our website at www.advanced.edu

www.Advanced.edu