

# Welding Technology

## A Diverse Program Offering Expert Training in State-of-the-art Facilities



The Welding Technology program at Lake Washington Institute of Technology is one of the premier welding programs in the state. This diverse program will provide you with the skills needed to begin a high paying welding career in today's high demand industries.

LWTech's welding program features small class sizes, up-to-date equipment and a state-of-the-art facility with labs modeling many types of work environments. Our expert welding instructors will teach you multiple welding techniques using various types of welding equipment including CNC plasma arc cutting.

Students can obtain either a Certificate of Proficiency (4 quarters) or an Associate in Applied Science degree (5 quarters). After you complete this program, you'll be qualified for employment in a wide variety of work setting in welding and fabrication.

Enter any quarter.

"All the students help each other out and Lake Washington's welding instructors give you lots of one-on-one help and instant feedback. The skills I've learned here can easily be rolled into many different careers."

—Brian, Welding Technology student



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## Program Highlights

Learn all major industrial welding and cutting processes, as well as general fabricating and blueprint reading.

Acquire skill in one or more of our four focus areas:

- Structural and Plate Welding
- Pipe Welding
- Aerospace/GTAW Manufacturing
- Welding Fabrication

Learn how to use multiple types of welding and cutting equipment, including oxy fuel, shielded metal arc (stick), gas metal arc (MIG), flux-core arc, gas-tungsten arc (TIG) welding and plasma arc cutting.

Obtain in-depth knowledge of the nature of metal as it relates to welding, fabricating and the application of heat.

The training is targeted for you to pass the Washington Association of Building Officials (WABO) certification test and the American Welding Society (AWS) certification test.

Take your WABO welder certification test here at LWTech.

## Learn from Industry Experts

From the first day of class, you'll see that your instructor has a genuine interest in your success. All of the Welding Technology Program instructors, as well as the entire Lake Washington staff, are committed to seeing you achieve your dreams and goals.

The Lake Washington Welding Technology Program instructors each have an average of over 20 years' experience working and teaching in the welding, fabrication, and metal forming industries. All instructors are WABO certified welders, and hold other industry certifications, such as AWS Certified Welding Educator, AWS Certified Welding Inspector, and WABO Certified Welder Examiner.

## Find out more!

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## Career Opportunities

Welders have one of the highest salary ranges of any skilled trade and there is currently a high demand for qualified welders. When you complete this program, you'll have immediate access to numerous career opportunities in the welding industry including:

- Building and construction
- Structural steel fabrication
- General fabrication
- Industrial manufacturing
- Boat building  
(including aluminum)
- Aerospace manufacturing
- Welding Inspection
- Pipe welding
- Self-employment

Graduates of Lake Washington's welding program have a highly successful job placement rate. In addition, Lake Washington's veteran welding instructors will mentor you and help you find the job that fits you best.

