

Welding Technology



School of Engineering & Manufacturing

Expert training in state-of-the-art facilities

The **Welding Technology** program at Lake Washington Institute of Technology offers students the latest welding processes and techniques needed to begin a successful career in the high-paying, high-demand industry of welding. Students can gain the skills in one or more focus areas: aerospace, fabrication, pipe, and structural and plate welding.

Featuring 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).



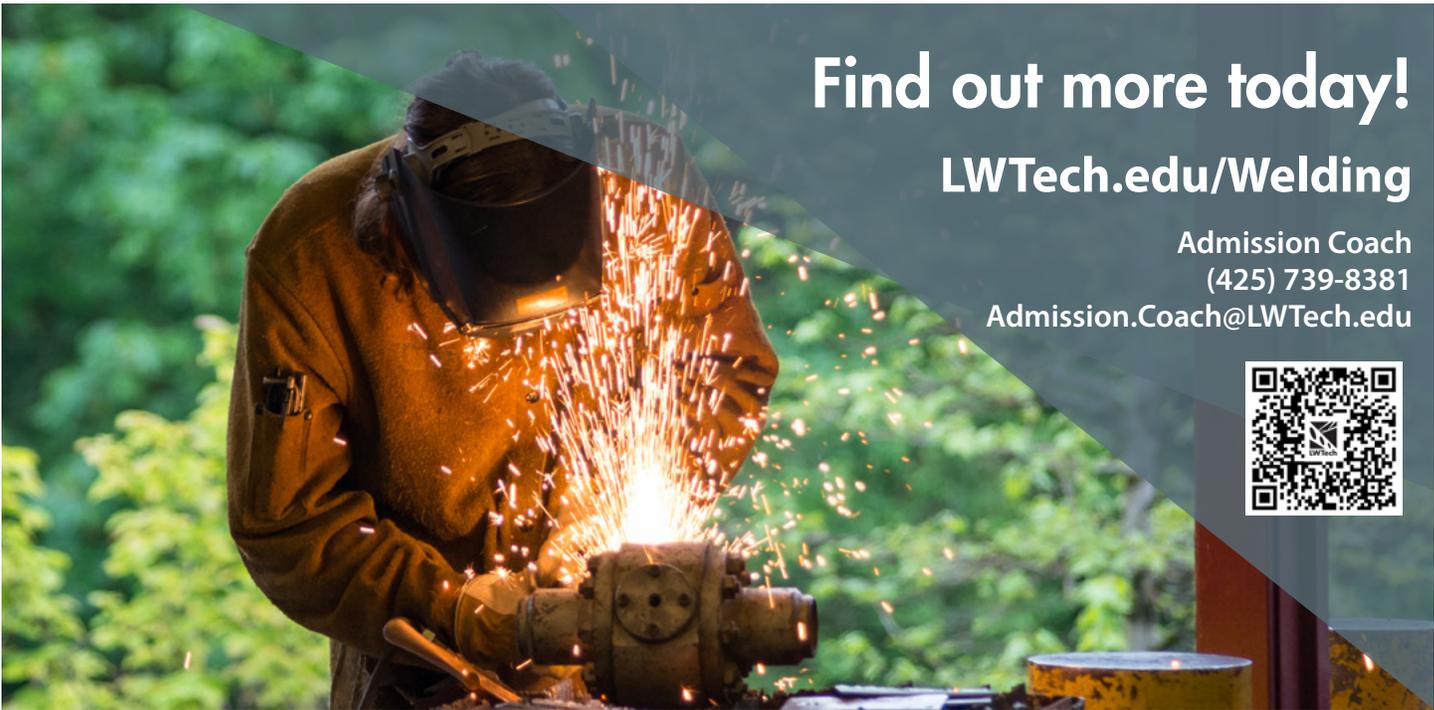
LAKE WASHINGTON
INSTITUTE OF TECHNOLOGY™

Find out more today!

LWTech.edu/Welding

Admission Coach
(425) 739-8381

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Program Highlights

- Learn all major industrial welding and cutting processes, as well as general fabricating and blueprint reading
- Obtain in-depth knowledge of the nature of metal as it relates to welding, fabricating and the application of heat
- 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
- Acquire skill in one or more of our four focus areas: Structural and Plate Welding, Pipe Welding, Aerospace/GTAW Manufacturing, Welding Fabrication
- Perform basic programming and setup for CNC machining centers
- 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

**AAS
CC**

Welding Technology, AAS

Welding Introduction,
Certificate of Completion

Welding Technology,
Certificate of Proficiency

Degrees & Certificates

- Building and Construction
- Structural Steel Fabrication
- General Fabrication
- Industrial Manufacturing
- Boat Building (including aluminum)
- Aerospace Manufacturing
- Welding Inspection
- Pipe Welding

Career Opportunities