

## CAREER OPPORTUNITIES

Welding is integral to a wide range of industries, including Aerospace, Agriculture, Automotive, Chemical Processing, Construction, Manufacturing, Oil and Gas Extraction, Plumbing and Pipe Welding, Robotics and more. The Welding Technology program at Long Beach City College offers specialized classes designed to prepare students with both knowledge and skills to pursue strong employment opportunities in these high-paying careers:

- **ASSEMBLER**
- **BRAZER/WELDER**
- **MACHINIST/OPERATOR**
- **PRODUCTION MANAGER/FOREMAN**
- **QUALITY CONTROL INSPECTOR**

## WELDING TECHNOLOGY

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# WELDING TECHNOLOGY



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## ABOUT THE WELDING TECHNOLOGY PROGRAM

Long Beach City College Welding Technology degree and certificate programs provide the necessary skills, knowledge and attitude to prepare students for a variety of entry-level positions in today's construction and metal fabrication industries.

All courses of study begin with an introduction to the safe practices, setup, and operation of Shielded Metal Arc Welding, Gas Tungsten Arc Welding, Flux-Cored Arc Welding, and Gas Metal Arc Welding. Students become familiar with machine settings, basic electricity, welding symbols, and basic metallurgy.

At the completion of all required courses for their particular degree or certificate program, students will have a thorough knowledge of welding safety, theory and procedures, in accordance with the American Welding Society SENSE Entry Welder program, as well as the skill to safely and efficiently perform a variety of welding processes.

## EXPERT FACULTY WITH DECADES OF EXPERIENCE

Faculty members in the Welding Technology program have a combined total of more than 60 years of practical and classroom experience in this field.

## DEGREE AND CERTIFICATES OFFERED:

- **Associate in Science—Welding**
- **Certificate of Achievement—Welding**
- **Certificate of Accomplishment—Advanced Arc Welding**
- **Certificate of Accomplishment—Gas Tungsten Arc Welding: Aluminum, Low Carbon and Stainless Steels**
- **Certificate of Accomplishment—Shielded Metal Arc Welding: Structural Steel**

## BEYOND THE CLASSROOM

The Metal Fabrication & Welding Club, open to all LBCC students, meets once a week and the members develop projects to help the community and raise funds for project supplies. The club is also the forum for sharing information about upcoming industry events and opportunities.

Welding Technology program also participates with demonstrations during LBCC's annual Career Technical Education (CTE) Night. And students have the opportunity to practice and develop their fabrication and welding skills during Friday "Build Days."

