

Welding - AWS Level 1

Learn the basics of welding in CCM's all-new welding lab in the Advanced Manufacturing and Engineering Center. Welding is an essential skill used in manufacturing and technology. Employers are continually seeking skilled welders for their workforce. Add in preparation for American Welding Society (AWS) certification and be prepared to stand out in the job market!

In this 200-hour program, you will learn the differences and applications of the four main welding processes: Flux (FCAW or Flux Cored Arc Welding), Stick (SMAW or Shielded Metal Arc Welding), MIG (Metal, Inert Gas) and TIG (Tungsten, Inert Gas) welding. You will prepare to successfully pass an AWS Level 1 Entry-Welder certification exam.

All students will begin with prerequisite courses that include occupational orientation, basic health and safety of welders and drawing and welding symbol interpretation. Students will be able to rotate into process specific instructional modules upon completion of the prerequisite courses. In addition to the four welding processes, students will also learn thermal cutting and the foundation of welding inspection and testing.

This program requires student commitment and attendance over an approximate six-month period. Students are expected to supply their own safety gear/clothing including:

- Safety Glasses
- Arc Helmet min shade #10
- Shade 5 cutting glasses
- Hearing protection
- Gauntlet Welding Gloves
- TIG Welding Gloves
- Work Shoes
- Cotton Denim or Flame-Retardant Jeans and Shirt
- Welding Jacket (optional, but highly recommended)

Course Code	Course Title	CEUs
WDT-215E	AWS Level 1 - Welding - Bundle	20

Courses

AWS Level 1 - Welding - Bundle

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