

Why Welding Technology?

- A vast knowledge of welding can lead you to many different careers in places all around the globe. Welding is a trade that will never become lost in the ever-changing world of technology. There will always be a need for highly-skilled and knowledgeable welders.
- ENMU-Roswell classes are taught by American Welding Society (AWS) Certified Welding Inspectors/Certified Welding Educators with years of knowledge and experience to deliver the tools needed in the welding industry.
- By the year 2020, there will be an estimated 400,000 welding jobs available in the U.S. alone. This is due to the increasing number of welders at retiring age.



Welding Technology

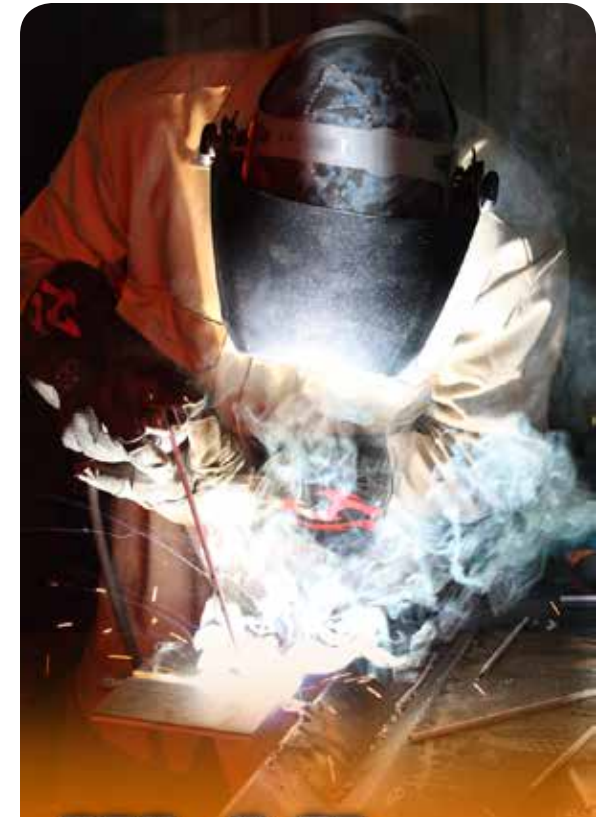


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WELDING TECHNOLOGY PROGRAM
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Program Overview

The Welding Technology Program teaches the necessary skills required to become an entry level I welder. Welding processes and related knowledge include:

- Shielded Metal Arc Welding
- Gas Metal Arc Welding
- Flux Core Arc Welding
- Gas Tungsten Arc Welding
- Oxy-Acetylene Gas Cutting/ Gouging
- Plasma Arc Cutting
- Print Reading
- Metallurgy
- Non Destructive Testing Methods
- Welder Qualification

Students will also be introduced to a number of related welding concepts, including safety, basic electricity, AC/DC currents, positive and negative polarity, electrode selection and identification.

Using a variety of the “hands-on” equipment and the latest in technology training, students will become qualified in various welding procedures offered within the course structures. This will give a student the ability to produce sound weld tests required by most companies.

Completion Options

Every student entering the Welding Technology Program will start in the Certificate of Employability (COE)-Basic program. After a student completes the COE-Basic, they can progress into the COE-Advanced program. Students seeking an Associate of Applied Science degree in Welding Technology will also need to enroll in general core required classes at the same time as COE-Basic and COE-Advanced until all classes are complete.

See the current catalog for the complete certificate and degree requirements. Course availability varies each semester.



Career Outlook

Careers in welding are in high demand in a variety of industries. Job titles include: Welding Fabricator, Pipe Welder, Structural Welder, Sanitary Stainless Steel Tubing Welder, Fitter, Business Owner, Shop Foreman, Educator, and Welding Inspector, just to name a few.

The median annual Welder I salary is approximately \$37,245. The salary range is generally between \$32,409 - \$42,798, however this can vary widely depending on a variety of factors.

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