

FUN FACTS

AWS reports that the average age of a welder is in the mid-fifties, with many approaching 60 years old, creating a potential shortage of more than 450,000 skilled welders

Nearly half of US industries report difficulties

Contact Us

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Class Location

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DISTEFANO
Technology & Manufacturing
A Bohlen Group Company



locating qualified individuals with welding expertise

25,000 students will begin their welding careers this year, while 50,000 experienced welders are expected to retire

According to the National Tooling and Machining Association, 40% of member companies are turning away business due to the lack of skilled welders.

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METROPOLITAN
Community College



ApprenticeshipUSA

A collaboration between Distefano Technology & Mfg.
Metropolitan Community College and the
U.S. Department of Labor Registered Apprenticeship Program

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12 WEEK WELDING SCHOOL

Collaboration between
Distefano Technology & Mfg.
Metropolitan Community College
U.S. Department of Labor Registered
Apprenticeship Program

FUN FACTS

The Bureau of Labor Statistics reports that welders have a bright job outlook

The BLS projects a 15% growth rate and estimates that an additional 50,000 welding positions will be added during the next decade

Welders are needed to build missiles and aircraft for the US military as well as rebuild the nation's aging bridges, highways and buildings

The BLS reports that welders who are trained in the latest welding techniques and welding devices will enjoy greater job security and higher pay

The BLS reports welders earned a median wage of \$34,770. Welders in the auto industry earn a median wage of \$44,880. Those working in the manufacturing industry earn a median wage of \$42,980.

The American Welding Society reports that there are more than 500,000 welders employed in the US



LEARN TO WELD

- 12 Week Course
- Monday - Friday, 7:00 AM - 3:30 PM
- Train in Manufacturing Environment
- Train on Up-to-date, Common-to-Industry Equipment

COURSE CONTENT

- Safety
- PPE
- Basic Math
- Quality Assurance
- Joint Design
- Gas Metal Arc Welding (GMAW) Basics
- Welding Symbols
- Blueprint Reading For Welders
- Weld Discontinuities/Defects
- Weld Lab - GMAW (Spray Transfer)
- Weld Lab - GMAW (Pulse Transfer)
- Weld Lab - Welder Qualification (Spray)
- Weld Lab - Welder Qualification (Pulse)

This training is the 40 credit-hour core of a Metropolitan Community College Associates Degree Program and is U.S. Department of Labor Registered Apprenticeship Program training. With successful completion of the 432 hours of coursework, you will be qualified in Gas Metal Arc Welding (GMAW) to the American Welding Society (AWS) Standard D1.1



WE SUPPLY

- Binder with all classroom materials
- Safety glasses & hearing protection
- Steel materials for "hands-on" weld lab exercises & weld qualification tests
- Welding consumables

YOU SUPPLY

- Welding helmet
- Welding jacket with leather sleeves
- Leather safety boots
- Insulated leather gauntlet welding gloves
- Welding cap
- Welding pliers
- Long sleeve cotton shirts
- Cotton/Denim pants (no cuffs)