

WELDERS

COLLEGE & CAREER PATHWAYS | ADVANCED MANUFACTURING

JOB DESCRIPTION

Welders use hand-welding or flame-cutting equipment to weld or join metal components or to fill holes, indentations, or seams of fabricated metal products.



WHAT SKILLS & TRAINING ARE NEEDED?

FOUNDATIONAL SKILLS:

- Attention to Detail: Welders need to make clean lines and cuts when welding. Paying attention to the job at hand is necessary.
- Dexterity: Welders work with their hands, and need to be steady during the welding process.
- Strength: Welders often need to lift or hold heavy pieces of metal in place while welding.
- Stamina: Welders can expect long hours on their feet, often in hot conditions.
- Technical Skills: Welding equipment requires technical know-how, as does reading blueprints and understanding how the final product should look.
- Troubleshooting Skills: Welders should see flaws in welds or structural imperfections in the metal.
- Good Vision: Keeping a steady eye on the weld as it takes form requires good vision.

TRAINING: Skills can be learned at a vocational school, community college or private school. Some jobs may hire unskilled people and train them on the job. Those taking classes must understand how to read blueprints, basic math, metallurgy and a basic understanding of electricity.

Many companies prefer welders to be certified. Certification can be obtained through NCCER and the American Welding Society.

HOW DO I KNOW IF THIS IS A GOOD FIT FOR ME?

- You pay attention to detail.
- You enjoy working with your hands and have a steady arm.
- You are strong enough to lift heavy objects.
- You have patience with the ability to see a project through from beginning to end.

MEDIAN HOURLY EARNING

\$21.84

WHERE CAN I PURSUE ALIGNED TRAINING?

DELGADO COMMUNITY COLLEGE

NORTHSHORE TECHNICAL COMMUNITY COLLEGE

NUNEZ COMMUNITY COLLEGE

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