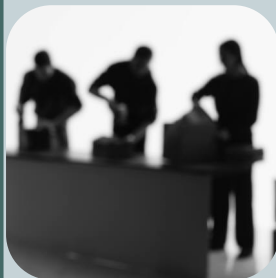


Manufacturing Cluster



Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

Data Sources
Bureau of Labor Statistics
CareerInfoNet
CareerClusters
The College Board
Tracer

Welders

Using a blowtorch or an electric current, welders bond pieces of metal together to create all kinds of products, from bicycles to cars and heavy machinery. Doing the job right means being a true metal expert, so you'd better know the difference between steel plate and stainless steel. And you can't be afraid of math because you'll need it for every job you do.

If you are interested in a career creating products out of metal, a career as a **welder** may be for you.

Welders cut and join metal to build everything from ships to window frames. Some welders operate machines that automate part of the welding process.

Are You Ready To...?

- Know your metals
- Take accurate measurements
- Read drawings and blueprints
- Cut and trim metal objects
- Wear goggles and other safety gear

It Helps To Be...

A mechanical person who is strong in math. Having a steady hand is also important, as is the ability to picture what you have to do before you do it.

A Day In The Life...

- Adjust welding equipment
- Apply cleaning solvents
- Apply flux to workpiece before soldering or brazing
- Braze metal parts or components together
- Read blueprints

Salary and Opportunity in the Austin-area

Median Hourly Wage: \$18.61

That comes out to more than \$38,718 a year.

In 2016, we had 941 Welders.

By 2026, we'll need 1,112.

Could you be one of the 171?

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Relay Texas: 1.800.735.2969 (TDD) / 711 (Voice).

Welders

After High School...

In addition to a high school diploma, some welders complete technical school or community college programs. Additionally, some welders gain skills in the Armed Forces.



Top 5 Industries for Welders

1. Architectural and Structural Metals Manufacturing
2. Agriculture, Construction and Mining Machinery Manufacturing
3. Nonresidential Building Construction
4. Utility System Construction
5. Foundation, Structure and Building Exterior Contractors

For more Career Profiles, visit our website:

[http://www.wfscapitalarea.com/YouthServices/
CareerPlanning.aspx](http://www.wfscapitalarea.com/YouthServices/CareerPlanning.aspx).

Related Programs

- High School Program
- Technical School or Community College Program
- Armed Forces Program

Related Industry Certifications

- Certified Associate Welding Inspector
- Certified Radiographic Interpreter
- Certified Welder
- Certified Welding Educator
- Certified Welding Supervisor

Related Careers

- Craft Artists
- Industrial Machinery Repairers
- Ironworkers
- Jewelers and Precious Stone and Metal Workers
- Machinists
- Sheet Metal Workers

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