

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

Industrial Machinery Mechanics

When industrial machinery breaks down, production can grind to a halt. That's why the preventive work that industrial machinery repairers do -- such as cleaning, oiling, and adjusting factory equipment -- is so important. In addition to keeping assembly lines rolling, industrial machinery repairers help prevent accidents that harm workers or cause costly damage to products. Experienced repairers know the machinery so well that they can often tell if something is wrong just by listening to the sounds it makes.

If you are interested in a career working with machines, a career as an **industrial machinery mechanic** may be for you.

Industrial machinery mechanics maintain and fix industrial machinery, such as robots, pumps, motors, and conveyor systems.

Are You Ready To...?

- Adjust automated manufacturing equipment
- Sketch a replacement part for the plant's machine shop to build
- Listen carefully to a machine's vibration
- Spend a weekend repairing a broken conveyor belt so it will be ready to roll on Monday

It Helps To Be...

In good shape, skilled with your hands and with machines, and able to learn by example. Most of your training will take the form of working with more experienced mechanics.

A Day In The Life...

- Calculate dimensions or tolerances, using instruments such as micrometers or vernier calipers.
- Machine parts to specifications, using machine tools, such as lathes, milling machines, shapers, or grinders.
- Set up, adjust, or operate basic or specialized machine tools used to perform precision machining operations.

Salary and Opportunity in the Austin-area

Median Hourly Wage: \$22.24

That comes out to more than \$46,263 a year.

**In 2016, we had 644 Industrial Machinery Mechanics.
By 2026, we'll need 734.**

Could you be one of the 90?

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Industrial Machinery Mechanics

After High School...

In addition to a high school diploma and on-the-job training, many employers look for industrial machinery mechanics through a 4-year **union-sponsored apprenticeship**.



Top 5 Industries for Industrial Machinery Mechanics

1. Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair & Maintenance
2. Support Activities for Mining
3. Agriculture, Construction and Mining Machinery Manufacturing
4. Machinery, Equipment and Supplies Merchant Wholesalers
5. Commercial and Industrial Machinery and Equipment Rental and Leasing

For more Career Profiles, visit our website:

<http://www.wfscapitalarea.com/YouthServices/CareerPlanning.aspx>.

Related Programs or Majors

- 4-year Union Apprenticeship
- Training on the job
- Machine Tool Technology (degree or certificate)

Related Industry Certifications

- Machining Level I—CNC Milling: Programming Setup & Questions
- Machining Level I—Manual Milling
- Machining Level II—Cylindrical Grinding
- Machining Level II—CNC Milling

Related Careers

- Computer-Repair Technicians
- Electrical Engineers
- Electronics Technicians
- Engineering Technicians
- Heating, Ventilating, Air Conditioning and Refrigeration Technicians
- Heavy Vehicle and Mobile Equipment Technicians

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