



Explore a Career as an **ASSEMBLER OR FABRICATOR**

Target Occupation Profile

What do Assemblers and Fabricators do?

Assemblers and fabricators have an important role in the manufacturing process and can work under many different titles. They can be coil winders, tapers, finishers, electromechanical equipment assemblers, engine assemblers, or structural metal fabricators and fitters, as well as general assemblers and fabricators. Assemblers and fabricators are responsible for assembling finished products and the parts that go into them. They use tools, machines, robots, computers, programmable motion-control devices, and various sensing technologies, as well as their hands to make engines, computers, aircraft, ships, boats, toys, electronic devices, control panels, and more. Most assemblers and fabricators work in manufacturing plants. Some of the work may involve long periods of standing or sitting. Most work full time, and they sometimes work evenings and weekends.

Training & Educational Opportunities

You will have plenty of employment opportunities as an assembler or fabricator. The education level and qualifications needed to enter these jobs vary depending on the industry and employer. Although a high school diploma is enough for most jobs, experience and additional training in technical school or college is needed for more advanced assembly work. Workers usually also receive on-the-job training, sometimes including employer-sponsored technical instruction to advance in the field.

As an Assembler or Fabricator you will:

- Conduct quality control checks
- Cut, align and fit together parts and rivet the parts together
- Precision assembling or adjusting of timing devices within very narrow tolerances
- Read and understand schematics and blueprints
- Use hand tools or machines to assemble parts
- Work closely with designers and engineers in product development
- Work on an assembly line

Assemblers and Fabricators are in demand in Cook County!

Cook County employment of assemblers and fabricators is projected to grow through the year 2020.

Assembler or Fabricator

Training Providers

There are many training providers available in Cook County to supply you with the training you need for a career as an assembler or fabricator.

To access a list of training providers for these occupations and many more, please visit Illinoisworknet.com and select the 'Training and Credentials' menu option to view 'WIOA Approved Training Programs.'



Types of Employers

There are many types of employers looking to hire assemblers and fabricators in Cook County, including:

- Machine Shops
- Manufacturers
- Tool Makers
- Warehouses

Wages & Openings

Assembler and Fabricator Employment Data for Cook County

Average Starting Hourly Wage	\$11.21
Average Hourly Wage With Experience	\$16.72
Average Annual Job Openings Cook County	558
Average Annual Job Openings Chicago Metro	65

*Source: Emsi, 2017.2

Opportunities

After you complete your training as an assembler or fabricator, you will have many opportunities for advancement including:

- Foreman
- Lead Fabricator
- Lead Installer
- Lead Team Assembler
- Shop Supervisor
- Supervisor, Assembly and Fabrication
- Team Assembly Line Machine Operator



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