



Emma Leigh - 31

I really had no idea what I wanted to do for a career, and I had never heard of a CNC Machinist before. I just happened to be at a job fair where my company had a booth. I stopped by to ask about office jobs since I could type, but as I was talking with their hiring person, I realized this was a job that paid more and that I could do!

It's basically learning computer software so that you can run computer numerical control, CNC, equipment to move tools and machinery in a factory. I did have to get some training, both in a classroom and at work, but my company had a program that helped pay for that. I could work and get my certification at the same time. It's really pretty amazing that I fell into a job that is so perfect for my skills.

Occupation:

CNC Machinist

Salary:

\$47,800

Education:

High School Diploma
or Equivalent

Job Description:

Machinists set up and operate a variety of machine tools to produce precision parts and instruments out of metal. Includes precision instrument makers who fabricate, modify, or repair mechanical instruments. May also fabricate and modify parts to make or repair machine tools or maintain industrial machines, applying knowledge of mechanics, mathematics, metal properties, layout, and machining procedures.*

*Source: This information is based on O*NET™ data. O*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.



Job Description:

SOC Code: 51-4041

Top Job Skills:

- Machining operations
- Operating CNC machines
- Welding
- Preventative maintenance
- CNC programming

General Work Activities:

- Information Input
 - Measure dimensions of completed products or workpieces to verify conformance to specifications
 - Calculate dimensions of workpieces, products, or equipment
 - Review blueprints or other instructions to determine operational methods or sequences
 - Monitor equipment operation to ensure proper functioning
 - Conduct test runs of production equipment
- Work Output
 - Operate cutting and/or grinding equipment
 - Operate metal or plastic forming equipment
 - Program equipment to perform production tasks
 - Prepare fabrics or materials for processing or production
 - Assemble machine tools, parts, or fixtures

Source: SC Works Online Services (SCWOS)

LEARN MORE WITH SCWOS:

SC Works Online Services (SCWOS) is the state's largest job database and provides all of South Carolina's job postings from all major sites, including Monster and Career Builder, in one resource. SCWOS has thousands of positions listed by employers all over the state. To access SCWOS, visit jobs.scworks.org.

Find in-depth breakdowns of occupational statistics such as necessary job certifications, job skills and abilities, current job openings, overview of general work activities, and more by visiting [O*NET.org](https://www.o*net.org).

JOB STATISTICS*



Typical Wage Range

\$41,320 - \$59,960



Projected Growth

813/yr Job Openings



Employed In-State

4,580



Required Education

High School Diploma
or Equivalent



Work Experience

Typically
Requires None



On-the-Job Training

Long-Term
On-the-job Training

*Source: Occupational Employment and Wage Statistics (OEWS) and the U.S. Bureau of Labor Statistics.

EXAMPLES OF WORKFORCE AREAS WITH JOB OPENINGS:

Source: SC Works Online Services. Ask an SC Works representative for more information about postings in your area.

- Worklink
- Trident
- Greenville
- Upstate
- Santee-Lynches
- Lower Savannah

EXAMPLES OF EMPLOYERS WITH JOB OPENINGS:

Source: SC Works Online Services. Ask an SC Works representative for more information about postings in your area.

- Honeywell International, Inc.
- Regal Rexnord Corporation
- Mitsubishi Power Americas, Inc.
- SEE
- Electrolux
- Moseley Technical Services, Inc.

RELATED OCCUPATIONS*:

- Computer Numerically Controlled Tool Operators
- Lathe and Turning Machine Tool Setters
- Tool and Die Makers
- Milling and Planing Machine Setters
- Multiple Machine Tool Setters

NOTE: All data based on state averages. Information may vary depending on region, experience, and specific employment situation. Last Updated: 2024.