CAREER PATH OPPORTUNITY

CNC MACHINE OPERATORS

WHAT OPPORTUNITIES ARE AVAILABLE?

CNC Machinists program tools to manufacture a broad array of materials and parts. A high level of precision and technical proficiency is needed to be successful. These positions are often specialized based on the kind of machinery and materials you will be working with, as well as the amount of programming required. There are five high demand machining occupations included here, but many roles will require a combination of skills.

HOW MUCH COULD I EARN?

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Entry</th>
<th>Median</th>
<th>Experienced</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer-Controlled Machine Tool Operators, Metal and Plastic</td>
<td>$12.36</td>
<td>$19.16</td>
<td>$29.20</td>
</tr>
<tr>
<td>Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic</td>
<td>$16.09</td>
<td>$25.09</td>
<td>$37.31</td>
</tr>
<tr>
<td>Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic</td>
<td>$11.48</td>
<td>$18.15</td>
<td>$27.56</td>
</tr>
<tr>
<td>Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic Machinists</td>
<td>$15.70</td>
<td>$23.26</td>
<td>$31.20</td>
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<tr>
<td>$11.81</td>
<td>$19.93</td>
<td></td>
<td>$30.44</td>
</tr>
</tbody>
</table>

WHERE WOULD I WORK?

TOP INDUSTRIES

- Employment Placement Agencies
- Machine Shops
- Engineering Services
- Special Die and Tool, Die Set, Jig, and Fixture Manufacturing
- Aircraft Parts and Auxiliary Equipment Manufacturing
- Other Motor Vehicle Parts Manufacturing
- Machine Tool Manufacturing
- Saw Blade and Handtool Manufacturing
- Motor Vehicle Transmission and Power Train Parts Manufacturing

2019 TOP POSTING EMPLOYERS

- Express Services Inc
- Start
- Aerotek, Inc.
- Sentech Services
- Kelly Services, Inc.
- Roush Industries, Inc.
- American Axle & Manufacturing, Inc.
- Loc Performance Products, Inc.
- The Skilled Trades Company
- ManpowerGroup Global

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WHAT EDUCATION & SKILLS WILL I NEED?
These occupations typically prefer applicants with a high school diploma or short-term postsecondary credential along with medium to long-term on the job training for entry. About 40 percent of postings list a preference for a high school diploma, and nearly a quarter prefer applicants with between three and five years of experience.

WHAT AREAS OF STUDY SHOULD I CONSIDER?
Formal training programs tend to focus on programming and technical skills. Those with the most completions include Computer Programming, General, CNC Machinist Technology, Data Processing Technology, and Machine Tool Technology. The total number of completions for these programs in the region are reflected in the chart below.

WHAT SKILLS SHOULD I DEVELOP?
- Machining
- Lathes
- Tooling
- Computer Numerical Control (CNC)
- Mills
- Operations
- Troubleshooting (Problem Solving)
- Communications
- Mathematics
- Computer Literacy
- Operations
- Communications
- Problem Solving
- Mathematics
- Computer Literacy

WHAT QUALIFICATIONS SHOULD I PURSUE?
- National Apprenticeship Certificate
- American Society For Quality (ASQ) Certified
- Commercial Driver’s License (CDL)
- NextGen Certified Professional

WHAT ELSE SHOULD I KNOW?
CNC Machinists typically work in a manufacturing and production environment, but hiring and staffing for entry-level roles is often managed through staffing companies. The region’s top posting employers for highly skilled CNC Machining workers are below.
- American Axle & Manufacturing, Inc.
- General Motors Company
- Start
- Hercules Drawn Steel Corporation
- Oakland Stamping, LLC
- Normac, Inc.
- Stihl Incorporated
- Loc Performance Products, Inc.

IS THIS FIELD EXPECTED TO GROW?
1% GROWTH PROJECTED BY 2023

For more information on how to start your career in CNC Machining visit www.micareertraining.org.