

Computer Numerically Controlled Tool

Operators

51-9161.00



Description: Operate computer-controlled tools, machines, or robots to machine or process parts, tools, or other work pieces made of metal, plastic, wood, stone, or other materials. May also set up and maintain equipment.

Other Resources:

[ONET Link](#)

[MyNextMove Link](#)

Sample of Reported Job Titles: Brake Press Operator

Job Zone

Title: 3 - Medium Preparation Needed

Education: Require training in vocational schools, related on-the-job experience, or an associate's degree.

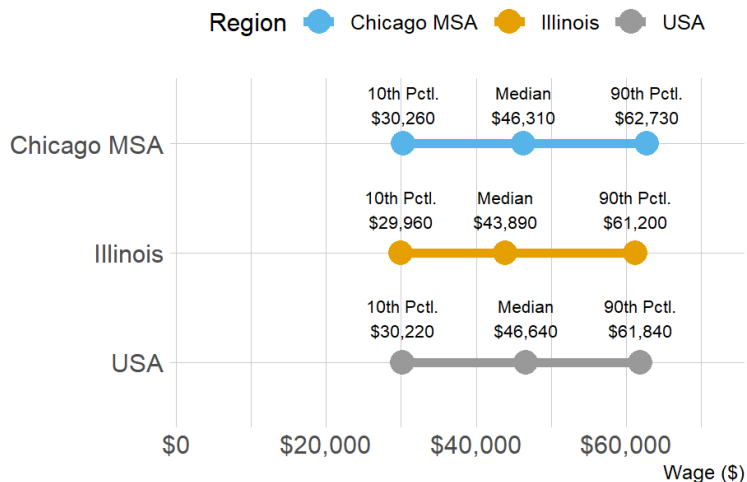
Experience: Previous work-related skill, knowledge, or experience is required.

Training: One or two years of training involving both on-the-job experience and informal training with experienced workers needed. A recognized apprenticeship program may be associated with these occupations.

Core Certifications: Machining Level I - CNC Milling: Programming Setup & Operations

Hot Technologies: Autodesk AutoCAD, Computer aided design CAD software, Dassault Systemes SolidWorks, Enterprise resource planning ERP software, ERP software

Region	Employment	Location Quotient	Median Wage
Chicago MSA	6,440	1.36	\$46,310
Illinois	8,560	1.36	\$43,890
USA	157,840	—	\$46,640



Top 5 Core Tasks According to Current Job Holders

Importance
Frequency (out of 100)

Measure dimensions of finished workpieces to ensure conformance to specifications, using precision measuring instruments, templates, and fixtures.

Hourly or more

92

Mount, install, align, and secure tools, attachments, fixtures, and workpieces on machines, using hand tools and precision measuring instruments.

Several times daily

89

Stop machines to remove finished workpieces or to change tooling, setup, or workpiece placement, according to required machining sequences.

Hourly or more

89

Insert control instructions into machine control units to start operation.

Several times daily

88

Check to ensure that workpieces are properly lubricated and cooled during machine operation.

Hourly or more

88