Explore a Career as a
CNC PROGRAMMER

What do CNC Programmers do?

CNC programmers, named after the computer numerically controlled machines they create programs for, are also called numerical tool and process control programmers. CNC programmers develop and run programs which direct the CNC machines to cut and shape metal or plastic for such things as airplanes, automobiles ,and other industrial machines. CNC programmers generally produce large numbers of one part before moving on to another order and occasionally they will produce smaller lots or single items. CNC programmers use blueprints and 3-dimensional computer designs to create the programs which result in precisely cut products.

CNC Programmers are in demand in Grundy County!

Grundy County employment of CNC Programmers is expected to increase through 2020. The U.S. Bureau of Labor Statistics recognizes this career as having a much faster than average job growth.

Training & Educational Opportunities

You will have plenty career opportunities as a CNC programmer once you've completed a certificate program. By completing courses in computer programming and vocational technology and by gaining a working knowledge of the properties of metals and plastics, you will learn the skills necessary to get a job as a CNC Programmer.

As a CNC Programmer you will:

➢ Perform tooling and design of machining, including electric and sand core molds, mills, and lathes
➢ Plan machining by analyzing blueprints, engineering plans, job orders, materials, and specifications
➢ Program, test, and revise machine programming

➢ Sequence automatic machine operations and select cutting tools
➢ Verify settings by measuring positions, first-run parts, and sample workpieces

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CNC Programmer

Training Provider

The following certified training provider offers programs and certifications to train for a career as a CNC Programmer:

• Joliet Junior College

Career scholarships may be available if you qualify.

Types of Employers

There are many types of employers looking to hire CNC programmers in Grundy County, including:

• Forging and stamping businesses
• Machine shops
• Manufacturing production companies
• Metalworking machinery manufacturers
• Motor vehicle parts manufacturers
• Specialized precision machining companies

Wages & Openings

CNC Programmer Employment Data for Grundy County	
Average Starting Hourly Wage	Insf. Data
Average Hourly Wage With Experience	Insf. Data
Average Annual Job Openings Grundy County	~10
Average Annual Job Openings Chicago Metro	80

Opportunities

After you receive your certificate as a CNC Programmer, you will have many opportunities for advancement and specialization. Some opportunities include:

• CNC Machine Builder
• CNC Setup Operator
• Laser Machine Operator
• Prototype Maker

Grundy Workforce Services
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