

In Demand Manufacturing Careers

CNC PROGRAMMER

WELDER

EDUCATION



Some operators are trained on basic machine operations and functions in a few months. Other workers, such as computer-controlled machine tool operators, may need up to two years to become trained.

High school diploma or equivalent, combined with technical training, on-the-job training, and welding certificate



IMPORTANT QUALITIES



- High degree of autonomy
- Troubleshooting
- Integrity
- Industrial automation
- Process management
- Data entry

- Detail oriented
- Self-starting / Self-motivated
- Problem solving
- Integrity
- Dependability
- Team player
- Work independently
- Basic computer skills



WHAT THEY DO



Operate programming software to generate computer numerically controlled (CNC) programs used to control CNC machine tools that drill, mill, rout, grind, or notch.

Responsible for assembling structural metal products using tools, welding equipment, and their own hands.



EMPLOYMENT OPPORTUNITIES

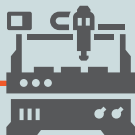
MEDIAN HOURLY WAGE \$24.80

Demand is expected to be strong, as many firms are adopting technologies such as machine tools and robots.

MEDIAN HOURLY WAGE \$19.46

Types of welders in demand: arc and gas welding.

WORK ENVIRONMENT



These workers often operate powerful, high-speed machines. Operators usually wear protective equipment, such as safety glasses, earplugs, and steel-toed boots to protect them from flying particles of metal or plastic, machine noise, and heavy objects.

Welders and cutters may work outdoors, or indoors, sometimes in a confined area designed to contain sparks and glare. Most welders work full time, and overtime is common.



Northwest PICinc



concentrated
employment
program, inc.

Equal Opportunity Employer and Program Provider - Upon request the information in this document can be made available in alternative formats for people with disabilities by contacting Amy Sjoblad at amys@rmcep.com