

Jobs in Demand

Advanced manufacturing firms make things that can't be outsourced to China or other parts of the developing world. These firms use high technology and expensive raw materials to produce critical parts for the aerospace, medical, semiconductor, automotive, and electronics industries. Lots of different products are made in the Lakes Region, including ball bearings, flexible hose, and rigid tubing for commercial and military aircraft; plastic joints used in orthopedic surgery; and heat sinks for electronic equipment. Below are some of the jobs that will be available at manufacturing firms in the Lakes Region in the next few years. Visit ampednh.com for more information about this exciting field.

Entry Level Jobs

Machine Operators (\$13.15/hour)

High school diploma and willingness to learn

CNC* Machinist (\$12.00-\$16.68/hour)

0-1 year of manufacturing experience, basic blueprint reading skills, basic understanding of measuring equipment

Assembler (\$12.00-\$16.68/hour)

3 months of manufacturing experience, basic blueprint reading skills, and knowledge of how to use measuring equipment

Mid-Level Jobs

CNC* Machinist (2) (\$19.98 - \$27.03/hour)

Manufacturing experience, ability to read complex blueprints and use a variety of measuring equipment

CNC* Operators (\$19.50/hour)

2-3 years of manufacturing experience

Machine Repair Technicians (\$20.00/hour)

3-5 years of experience in manufacturing, preferably related to machine maintenance and repair

INDUSTRY STATS Belknap County

Average Earnings

\$61,200

Jobs

2,310

Companies

85

Annual Openings in
Production Jobs

100+

Fastest Growing
Types of Manufacturing:
Jobs Added Since 2003

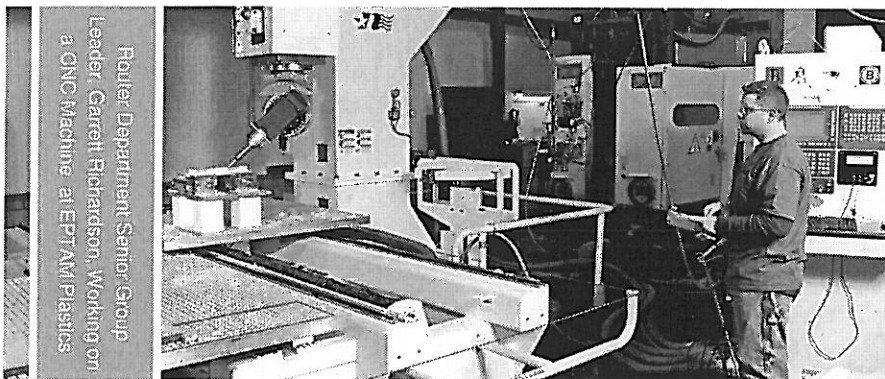
Computer Equipment: 110 jobs

Machine Shops: 60 jobs

Metal Working: 40 jobs

Aerospace Products: 30 jobs

Medical Equipment: 20 jobs



Router Department Senior Group Leader Garrett Richardson, Working on a CNC Machine at EPTAM Plastics

* CNC: Computer Numerical Control (Details on Page 2)

Sampling of Local Companies

- NH Ball Bearings
- Titeflex Aerospace
- Freudenberg NOK
- EFI
- EPTAM Plastics
- Aavid Thermalloy
- Scotia Technology

What are the most critical jobs that will be open in the next five years?

CNC Machinists

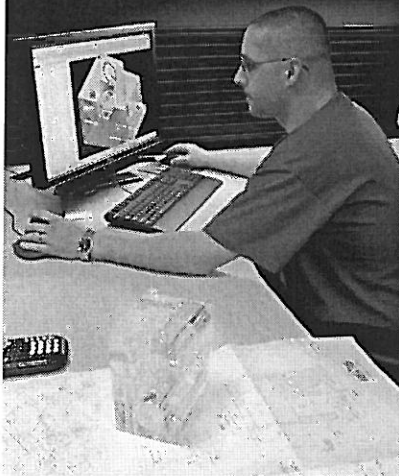
Research & Development

Manufacturing Engineers

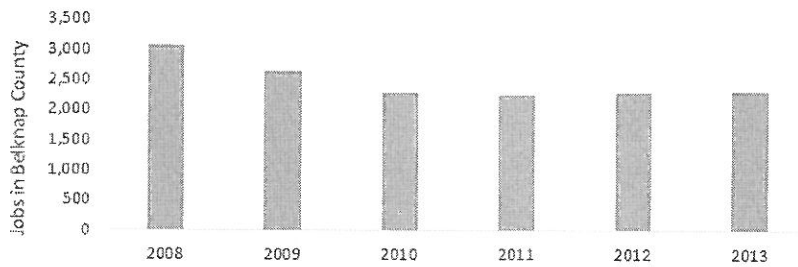
Maintenance & Repair Technicians

Machine Operators

**EPTAM Plastics
Program Manager, Max
Dubois, programming a
part using NX software.**



Manufacturing Industry Sector Job Growth



Duties Include

Curious about what these in-demand jobs are like? Below is a quick summary of some of the typical duties associated with jobs in advanced manufacturing.

CNC Machinist & Operator

Applies expert knowledge of CNC machines to program, operate, and maintain automated equipment that cuts, bends, and folds metal or plastic into finished parts and is often involved with the design of new equipment. .

Assembler

Assembles both finished products and parts using tools and machines.

Maintenance & Repair Technician

Keeps assembly lines moving and factory machinery operating by diagnosing problems and performing repairs on lifts, conveyers, and other manufacturing equipment.

Manufacturing Engineers

Part of the engineering field that deals with research and development of processes, machines, tools, and equipment that turn materials into new products. Develops cost-effective methods to produce high-quality goods efficiently.

Production Supervisor

Hands-on leadership role at manufacturing companies that plans and coordinates work activities and obtains resources to ensure the assembly operations deliver products that meet company standards.

Research & Development Technician

Performs laboratory tasks and experiments to make sure products are being manufactured in the most optimal way, assembles prototype devices, trouble shoots, and records data and observations.

Computer Numerical Control (CNC) is a manufacturing process for machining metal and plastic products using a computer program.

CNC machines perform functions such as precision drilling, tapping, cutting, and shaping raw materials into finished products or parts.