There are an abundance of jobs available in manufacturing for people with skills. Consider a career in precision machining and CNC technology! Precision machinists make the components that are critical to today's technologies. Projected job growth is due to reshoring of jobs formerly run overseas and baby boomer retirements. Opportunities for advancement include supervisory, programming, set up, maintenance engineering and quality.

The precision machining and CNC industry provides challenging, satisfying technical work. Long gone are the days of working in a gritty manufacturing plant. Today's shops are being run with lean methods and environmentally sustainable practices to international quality standards.

**Job Prospects:** In 2012 in New Hampshire, the average hourly wage for machinists was $19.88 with a projected job growth of 9.7%. Average hourly wage for CNC operators was $17.78 with a projected growth of 18.1%. CNC programmers' average hourly wage was $24.66 with a 33.5% expected growth rate from 2012 – 2022.

*Source: NH Job Outlook, 2012 – 2022, NHES Economic & Labor Market Information*

**Program Courses:**
NCAM 100G Introduction to Precision Machining
NCAM 125G Blueprint Reading and Inspection
NCAM 150G Intermediate Precision Machining

These courses are delivered on state-of-the-art equipment and focus on the most up-to-date techniques and processes as prescribed by the National Institute of Metalworking Skills (NIMS).

**Who should attend?**
Individuals seeking entry-level positions as Machinists, CNC Operators or Technicians. Technicians in the field will hone advanced skills learned on the job. Professionals such as engineers and managers will learn about machining processes to achieve better outcomes on the production floor.

---

**Ask about Job Training funds to help pay for this training**

For more information please contact:
(603) 427-7651
greatbaybtc@ccsnh.edu
NCAM 100G Introduction to Precision Machining: Basic knowledge and skills development including applied math, safety and metalurgy required on the manufacturing floor. Classroom and hands-on experience for manually operated Lathe, and Vertical as well as CNC set-up and operation of Milling and Lathes develop the entry-level skills outlined by the National Institute of Metalworking Skills (NIMS)

NCAM 125G Blueprint Reading and Inspection: The class will provide entry level hands-on instruction for the understanding and proper interpretation of drawings commonly found in a manufacturing and machining environment. Students will gain hands on experience with Micrometers, Calipers, Hite-Gauges and various other commonly used inspection equipment. A basic overview of GD&T is provided.

NCAM 150G Intermediate Precision Machining: Students will gain a complete understanding of the CNC machine tool’s operation, metal working industry and requirements expected from a production machinist with manual and CNC skills. Students will develop knowledge and understanding of CNC machine tool operation, G-Code and M-Code terminology. The course will include exposure to GD&T and mechanical drawing technicalities and terminology.

Course Locations:
- Creteau Regional Technology Center, Rochester, NH
- Great Bay Community College, Rochester, NH

Additional Resources:
Occupational Outlook Handbook
www.bls.gov/oco
Fabricators and Manufacturers Association
www.fmanet.org
O*NET OnLine
www.onetonline.org/link/summary/51-4011.00
National Institute of Metalworking Skills (NIMS)
www.nims-skills.org/web/nims/home