

Shoreline
Community College

CNC MACHINIST

You can apply NOW for
fall quarter 2009

Receive your certificate in just three quarters

FREE training & tuition assistance
based on eligibility

Contact Susan Hoyne at 206-533-6638



Shoreline Community College
16101 Greenwood Ave. N
Shoreline, WA 98133
www.shoreline.edu

Phone: 206-533-6638

Fax: 206-546-5865

E-mail: shoyne@shoreline.edu

This is an intensive program designed to prepare qualified individuals for an entry job as a Computer Numerical Control Machinist. Call today to take advantage of this strong job market for a career with:

- ❖ Wages averaging \$10.50 - \$18.00 per hour
- ❖ Rapid job progression and opportunities

Instruction covers:

- Programming Set-up & Operation of CNC Machines
- Blueprint Reading
- Shop Mathematics
- Machine Tool Theory
- Inspection
- Surface Plate Techniques
- Statistical Process Control
- English as a second language support

Quarterly Class Schedule (11 Weeks):

Mon - Thu, 4:00p.m. - 10:00p.m.

OR

Fri, 6:00p.m. - 10:00p.m.; Sat & Sun, 8:00a.m. - 5:00p.m.





2009-2010 Career Planning Guide
CNC MACHINIST – Certificate of Proficiency

Shoreline Community College
16101 Greenwood Avenue North
Shoreline, Washington 98133
Length of Program: 61 credits, 3 quarters

Approximate Quarterly Costs
Check quarterly class schedule for Tuition Table
Parking Fee Per Quarter \$25
Book prices vary widely. Average Quarterly Cost \$100
Additional Instructional Fees \$150

Completion Award: Certificate of Proficiency

Program Advisors:

Keith Smith 206-546-6969 Room 2501F
<http://www.shore.ctc.edu/shoreline/industrialtech.html>

Enrollment: Fall, Winter, Spring, Summer
ksmith2@shoreline.edu

PROGRAM DESCRIPTION

This is an intensive program designed to prepare qualified individuals for entry into the job market as a CNC Machinist (Computer Numerical Control). Instruction covers programming and basic set up and operation of CNC machines, blueprint reading, shop mathematics, machine tool theory, inspection, surface plate techniques, and Statistical Process Control (SPC). Students will be involved in the production and machining of industry parts. Instruction will also include the use and care of a wide variety of measuring devices used in the machining profession.

PROGRAM OUTCOMES

Students who successfully complete this program will be able to:

1. Perform entry-level tasks as a CNC machinist.
2. Use mathematics skills to solve basic manufacturing problems.
3. Program basic CNC machine tools to perform routine machining functions.
4. Safely set-up CNC Mills and Turning tools making tool length and work piece offsets.
5. Applying teamwork, inspection and SPC to manufacturing problems.
6. Utilizing properties of materials, establishing correct speeds and feeds.
7. Interpreting mechanical blueprints .
8. Use current software for computer assisted machining (CAM).

CAREER OPPORTUNITIES

The demand in the manufacturing sector is excellent for individuals with good math, communication, and problem solving skills. With more and more manufacturing occurring in the Puget Sound Region the demand for CNC machinist should continue to grow.

POTENTIAL POSITIONS INCLUDE

Most large manufacturing firms and many small manufacturing firms in the Puget Sound Region hire CNC machinist. These firms include aerospace, plastics, molding, and general manufacturing working as CNC machinist, and CNC programmers, Salary Range-\$2,312-\$3,763 month. Source: 2005 WOIS Website-*Where Are You Going?* Entry level salaries vary with each employer and individual skill level.