

Conventional Machine Operator

10 unit certificate

This certificate is designed to prepare students with basic entry level machine operator skills, safety knowledge, theory, and quality control skills in manufacturing processes.

Required Courses

ENE-42 SolidWorks I (3 units)*

Advisory: PC computer experience recommended CIS-1A

This course is designed to introduce the student to three-dimensional parametric solid modeling with SolidWorks. Students will begin with basic parametric solid modeling techniques advancing into complex assemblies requiring animation.

ENE-51 Blueprint Reading (2 units)*

Beginning course in the study of blueprints and their interpretation, types of projection, symbols and abbreviations.

MAN-36 - General Machine Shop and Theory of Machining (4 units)

An introduction to the basic setup and operating of the lathe, mill, saw, drill press, and grinder. Safety, blueprint reading, measurement, shop math, tool grinding, bench work and layout, cutting concepts, and speed and feed calculations are also included. Emphasis will be on the fundamentals of bench work and layout related to the National Institute of Metal-working Skills (NIMS) standards.

MAN/ELE-55 Occupational Safety & Health Administration (OSHA) Standards for General Industry (1 unit)

Covers OSHA policies, procedures and standards as well as safety for general industry and health principles.

*This class transfers toward one or more CSUSB or CalPoly majors. Visit www.assist.org or the Counseling office for details.

Conventional Machine Operator

Tuition \$46/unit • Duration of Study: 8 months

A Certificate in Conventional Machine Operator, will be awarded upon completion of the required courses (10 units). Please refer to the Norco College Catalog or visit the Counseling Center.

Job & Wage Information

- Conventional Machinist
Wage Range*: \$15.13-27.93
4% increase expected in CA 2019-2029; 3,770 openings annually
More information: <http://bit.ly/MachinistNC>

*2020, Riverside/Ontario/San Bernardino Metro Area

What type of interests might be a good fit for this career choice?



Realistic

People who have athletic or mechanical ability and prefer to work with objects, machines and tools. Preference for working with things over people.

For more information on careers that fit this category of interests, visit the Career Center in the Center for Student Success.

What's Your School?



SCHOOL OF
Science, Technology,
Engineering & Mathematics

Visit www.norcollege.edu/STEM for more information about this program.