

Conventional Machine Operator

12 UNIT CERTIFICATE

NORCO COLLEGE

Career & Technical Education

www.norcollege.edu/CTE

Required Courses

ENE-42 SolidWorks I (3 units)

This course is designed to introduce the student to three-dimensional parametric solid modeling with SolidWorks.

ENE-51 Blueprint Reading (2 units)

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

MAN-38 - General Machine Shop (3 units)

This introductory course instructs students in the basic setup and operating of the lathe, mill, saw, drill press and grinder.

MAN-39 - Machine Shop Theory (2 units)

The basic cutting concepts of machine tools are described and applied emphasizing safe work practices and rules related to machine tool operations.

MAN-55 Occupational Safety & Health Admin.

(OSHA) Standards for General Industry (2 units)

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

This certificate is designed to prepare students with basic entry level machine operator skills, safety knowledge, theory, and quality control skills in manufacturing processes. Students obtaining this certificate will qualify for the first level certification in National Industry Metal Skills (NIMS). This certificate prepares students for employment as conventional machinists, machine operators, and/or machine tool cutting setters.

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

SUGGESTED SEMESTER SEQUENCE

FALL

ENE-51
MAN-39
MAN-38

SPRING

ENE-42
MAN-55

For more information regarding certificate program, course sequencing or scheduling:
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Norco College
Counseling Department
(951) 372-7101

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NORCO
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Jobs & Wages

Conventional Machinist
\$11.01 - \$33.18

Machine Operator
\$10.32 - \$28.31

Machine Tool Cutting Setters
\$9.92 - \$22.72

Tuition
\$552

Books & Supplies
\$345

Duration of Study
8 months

Total Estimated
Certificate Cost

\$897

as of 2016. Subject to change.

2016
• NCE865

A Certificate in Conventional Machine Operator will be awarded upon completion of the required course (12 units). Please refer to the Norco College Catalog or visit the Counseling Center.

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