

CNC OPERATOR

(NDP.CNCO) CERTIFICATE

The CNC (Computer Numerical Control) Operator certificate program is designed to provide students with the skills necessary to gain entry level employment in the metal working or wood working industry. Students learn: blueprint reading, shop mathematics, machine tool theory, inspection and quality control, and CNC operations using state of the art equipment. Career opportunities include entry-level CNC operator. Upon completion, students also receive industry recognized certificates in Fanuc CNC Mill and Turn Programming and OSHA 10 hour Safety.

Program requirements may change over time. Specific degree/graduation requirements are determined by a degree audit.

Gainful employment

For more information regarding related occupations, graduation rates and program costs, visit the [Gainful Employment information provided here](#).

FIRST YEAR

First Semester		Hours
TEC-040	Blueprint Reading/Industry I	2.5
TEC-043	Industrial Safety	1.0
TEC-050	Technical Math I	2.0
TEC-070	Properties of Metal	2.5
WEL-056	Metal Cutting and Fabrication	2.0
MTT-050	Intro to Machining Procedures (Module 1)	3.0
CIM-060	CNC Machining *	3.0
SEMESTER TOTALS		16.0
 TOTAL PROGRAM HOURS		 16.00

- * There are prerequisites, course requisites, or minimum placement test scores for this course.
- ** Electives must be approved by the Program Coordinator
- + Course only offered fall semester
- ++ Course only offered spring and summer semester
- +++ Course only offered spring semester
- ++++ Course offered in summer term only
- ^ SOS 050 Human Relations and PSY 271 Introduction to Psychology cannot be used as a social science elective
- ^^ Consult Academic Advisor for appropriate course
- ^^^ Course requires a 30-hour practicum experience in addition to classroom lecture hours
- ^^^^ ECE 120 and ECE 125 must be taken the same semester

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