



COMPUTER NUMERICAL CONTROL



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PROGRAM PURPOSE

The Computer Numerical Control (CNC) Certificate program enables students to develop skills in programming, set-up, and operation of CNC Mills and Lathes. The program provides an impactful training solution, which leads to employment opportunities as a CNC Machinist.

This fast entry to the workforce certificate program allows you to graduate in 9 months and be ready to jump into a rewarding career.

OPPORTUNITIES

- The average starting salary of \$38K has significant growth potential
- Training allows for fast entry to the workforce
- This highly sought-after credential is valid throughout the U.S.

This program is supported by leading employers around the state.



The Computer Numerical Control program is accredited by the National Institute of Metalworking Skills (NIMS).

APPLICATION PROCEDURE

The admissions process includes the following:

1. Submit an NMCC application along with a \$20 application fee.
2. Submit official high school transcript and/or HiSET/GED scores (current senior's transcript should include completed ranking period grades).
3. Official college transcripts for applicants who have attended other post-secondary schools.
4. If SAT scores are not available, placement testing may be required.
5. Individual interview required.
6. A campus tour is highly recommended.

*If you have questions please contact:
admissions@nmcc.edu*



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2020-2021 Curriculum

Certificate Program

<u>First Semester</u>		<u>C</u>	<u>L</u>	<u>CR</u>
◆ DRT 108	Mechanical Print Reading & Drafting	1	2	2
MAT 119	Applied Mathematics	4	0	4
◆ PMT 111	CNC Mill & Lathe Operations	1	9	4
◆ PMT 112	CNC Mill Programing	2	0	2
◆ PMT 114	CNC Lathe Programing	2	0	2
◆ PMT 116	CNC Mill Setup	1	3	2
◆ PMT 118	CNC Lathe Setup	1	3	2
		12	17	18
<u>Second Semester</u>				
ENG 111	English Composition	3	0	3
◆ PMT 119	Inspection	1	3	2
◆ PMT 121	CNC Mill & Lathe Programing, Setup, and Operations	1	9	4
◆ PMT 124	Basic CAM for Milling	1	3	2
◆ PMT 126	Basic CAM for Turning	1	3	2
◆ PMT 215	Auxiliary Devices for CNC Mills	1	6	3
◆ PMT 217	Auxiliary Devices for CNC Lathe	1	3	2
		9	27	18
TOTAL REQUIRED				36

◆ Major courses; a minimum grade of "C" or 2.0 required.

Key: C= Class Hours, L= Lab Hours, CR= Credit Hours

**Students learn in a lab with equipment that
meets industry standards.**

NMCC is an equal opportunity/affirmative action institution and employer.
For more information, please call 768-2791.

207-768-2785

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