

# 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](mailto:admissions@nmcc.edu)*

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# COMPUTER NUMERICAL CONTROL

2021-2022 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
	<u>12</u>	<u>17</u>	<u>18</u>
<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
	<u>9</u>	<u>27</u>	<u>18</u>
<b>TOTAL REQUIRED</b>			<b>36</b>

◆ 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**

**nmcc.edu**