



**31-444-1 MACHINE TOOL OPERATION - CNC  
2021-22 PROGRAM CURRICULUM CHECKLIST  
NORTHWOOD TECHNICAL COLLEGE  
RICE LAKE**

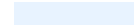


Name/ID \_\_\_\_\_

Date \_\_\_\_\_

CATALOG NUMBER	COURSE TITLE	HOURS PER WEEK	CREDITS	CNC TECHNICIAN DIPLOMA (30-444-2)	MACHINE TOOL OPERATION - CNC TECHNICAL DIPLOMA (Financial Aid Eligible)	NOTES	DATE COMPLETED	TRANSFER OR GRADE
<b>FIRST TERM</b>								
<b>16 Weeks</b>								
32420321	Print Reading for Machine Trades	2 hours per week	1 credit	CNC Technician	Machine Tool Operation - CNC			
32420361	Introduction to CAD/CAM	2 hours per week	1 credit	CNC Technician	Machine Tool Operation - CNC			
32804325	Applied Technical Math 1	6 hours per week	3 credits	CNC Technician	Machine Tool Operation - CNC			
<b>Weeks 1-3</b>								
32444302	Machining Fundamentals	21 hours per week	2 credits	CNC Technician	Machine Tool Operation - CNC			
<b>Weeks 4-8</b>								
31444310	Milling and Turning 1	19 hours per week	3 credits	CNC Technician	Machine Tool Operation - CNC			
<b>Weeks 9-16</b>								
31444311	Milling and Turning 2 Corequisite: 31444310 Milling and Turning 1	20 hours per week	5 credits	CNC Technician	Machine Tool Operation - CNC			
<b>TERM TOTAL</b>				<b>15 Credits</b> CNC Technician	<b>15 Credits</b> Machine Tool Operation - CNC			

All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better. Revised 7/16/2021





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<b>SECOND TERM</b>								
<b>16 Weeks</b>								
32420320	CAD/CAM Applications Prerequisite: 32420361 Introduction to CAD/CAM or consent of instructor	4 hours per week	2 credits		Machine Tool Operation - CNC			
32801361	Applied Communications	4 hours per week	2 credits		Machine Tool Operation - CNC			
32804334	Applied Technical Math 2 Prerequisite: 32804325 Applied Technical Math 1	4 hours per week	2 credits		Machine Tool Operation - CNC			
<b>Weeks 1-4</b>								
31444312	Milling and Turning 3 Prerequisite: 31444311 Milling and Turning 2	23 hours per week	3 credits		Machine Tool Operation - CNC			
<b>Weeks 5-10</b>								
31444313	Milling and Turning 4 Prerequisite: 31444311 Milling and Turning 2 and Corequisite: 31444312 Milling and Turning 3	21 hours per week	4 credits		Machine Tool Operation - CNC			
<b>Weeks 11-16</b>								
31444314	Milling and Turning 5 Prerequisite: 31444311 Milling and Turning 2 and Corequisite: 31444313 Milling and Turning 4	21 hours per week	4 credits		Machine Tool Operation - CNC			
<b>SECOND TERM TOTAL</b>		37-39 hours per week			17 Credits Machine Tool Operation - CNC			
<b>PROGRAM REQUIREMENTS</b>				<b>15 Credits</b> CNC Technician	<b>32 Credits</b> Machine Tool Operation - CNC			

Please be advised that low enrollment class sections may be cancelled. You will be contacted by Student Services with information on other class sections available in alternate formats.

**GRADUATION REQUIREMENTS:** Although your academic advisor can provide guidance, you are ultimately responsible for selecting courses that meet a program's graduation requirements. If you do not take courses in the recommended sequence above, it may delay your completion of graduation requirements. A program plan GPA of 2.0 in a 4.0 grade system is required to graduate.

EARN CREDIT FOR WHAT YOU ALREADY KNOW: Visit <https://www.NorthwoodTech.edu/admissions/preparing-for-college/credit-for-prior-learning> for more information

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or 715.234.7082 x5410. You will receive a response within 5 business days.

All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better. Revised 7/16/2021