30-444-2 CNC TECHNICIAN
31-444-1 MACHINE TOOL OPERATION - CNC
2025-26 REQUIRED COURSES
NORTHWOOD TECHNICAL COLLEGE
RICE LAKE

Name/ID _____   Date _____

CATALOG NUMBER	COURSE TITLE	*HOURS PER WEEK	CREDITS	CNC TECHNICIAN TECHNICAL DIPLOMA (30-444-2)	MACHINE TOOL OPERATION - CNC TECHNICAL DIPLOMA (Financial Aid Eligible)	NOTES	DATE COMPLETED	TRANSFER OR GRADE
	FIRST TERM - FALL 2025							
	16 Weeks							
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			
	Weeks 1-3							
32444302	Machining Fundamentals	21 hours per week	2 credits	CNC Technician	Machine Tool Operation - CNC			
	Weeks 4-8							
31444310	Milling and Turning 1	19 hours per week	3 credits	CNC Technician	Machine Tool Operation - CNC			
	Weeks 9-16							
31444311	Milling and Turning 2 Corequisite: 31444310 Milling and Turning 1	20 hours per week	5 credits	CNC Technician	Machine Tool Operation - CNC			
	TERM TOTAL			**15 Credits** CNC Technician	**15 Credits** Machine Tool Operation - CNC			

All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better.   Revised 3.19.25

CATALOG NUMBER	COURSE TITLE	*HOURS PER WEEK	CREDITS	CNC TECHNICIAN TECHNICAL DIPLOMA *(30-444-2)*	MACHINE TOOL OPERATION - CNC TECHNICAL DIPLOMA (Financial Aid Eligible)	NOTES	DATE COMPLETED	TRANSFER OR GRADE
	SECOND TERM - SPRING 2026							
	16 Weeks							
32420320	CAD/CAM Applications Prerequisite: 32420361 Introduction to CAD/CAM or 32420365 CNC Fundamentals	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			
	Weeks 1-4							
31444312	Milling and Turning 3 Prequisite: 31444311 Milling and Turning 2	23 hours per week	3 credits		Machine Tool Operation - CNC			
	Weeks 5-10							
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			
	Weeks 11-16							
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			
	SECOND TERM TOTAL	37-39 hours per week			17 Credits Machine Tool Operation - CNC			
	TOTAL CREDITS			**15 Credits** CNC Technician	**32 Credits** Machine Tool Operation - CNC			

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*Hours per week represents periods of instruction and/or work-based learning hours per week (class hours). Additional time may be required outside of class to complete assignments. For more details on what you can expect outside of class, please see the "Expectations Outside of the Classroom" section of the Student Handbook.

Please be advised that low enrollment class sections may be canceled. 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 Credit for Prior Learning for more information

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or 715.752.8128. 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 3.19.25