



**31-420-1 MACHINE TOOL OPERATION (ASHLAND)  
2025-26 REQUIRED COURSES  
NORTHWOOD TECHNICAL COLLEGE  
FALL START**

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

CATALOG NUMBER	COURSE TITLE	*HOURS PER WEEK	CREDITS	NOTES	DATE COMPLETED	TRANSFER OR GRADE
<b>FIRST TERM - FALL 2025</b>						
<b>1st 8 weeks</b>						
32420325	Machine Tool Operation 1	16 hours per week	4 credits			
<b>2nd 8 weeks</b>						
32420326	Machine Tool Operation 2 Corequisite: 32420325 Machine Tool Operation 1	16 hours per week	4 credits			
<b>16 weeks</b>						
32420329	Machine Tool Theory 1	4 hours per week	2 credits			
32420321	Print Reading for Machine Trades	2 hours per week	1 credit			
32804325	Applied Technical Math 1	6 hours per week	3 credits			
<b>FIRST TERM TOTAL</b>			<b>14 credits</b>			
<b>SECOND TERM - SPRING 2026</b>						
<b>1st 8 weeks</b>						
32420327	Machine Tool Operation 3 Prerequisite: 32420326 Machine Tool Operation 2	16 hours per week	4 credits			
<b>2nd 8 weeks</b>						
32420328	Machine Tool Operation 4 (WBL) Corequisite: 32420327 Machine Tool Operation 3	16 hours per week	4 credits			
<b>16 weeks</b>						
32420330	Machine Tool Theory 2	4 hours per week	2 credits			
32420365	CNC Fundamentals	4 hours per week	2 credits			
32801361	Applied Communications	4 hours per week	2 credits			
<b>SECOND TERM TOTAL</b>			<b>14 credits</b>			
<b>TOTAL CREDITS</b>			<b>28 Total Credits</b>			

\*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. 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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All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better. Revised 7.15.24