



32-462-1 INDUSTRIAL MAINTENANCE TECHNICIAN  
 2024-25 REQUIRED COURSES  
 NORTHWOOD TECHNICAL COLLEGE  
 SUPERIOR  
 FALL 2024 (START 1)

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

CATALOG NUMBER	COURSE TITLE	HOURS PER WEEK	CREDITS	NOTES	DATE COMPLETED	TRANSFER OR GRADE
<b>FIRST TERM - FALL 2024</b>						
31442373	Shielded Metal Arc Welding 1	6 hours per week	3 credits			
32420305	Maintenance Machining	6 hours per week	3 credits			
32420310	Print Reading	4 hours per week	2 credits			
32462305	Rigging	4 hours per week	2 credits			
32462306	Fabrication Processes	4 hours per week	2 credits			
32804325	Applied Technical Math 1	6 hours per week	3 credits			
	<b>FIRST TERM TOTAL</b>	30 hours per week	15 credits			
<b>SECOND TERM - SPRING 2025</b>						
31442374	Shielded Metal Arc Welding 2 Corequisite: 31442373 Shielded Metal Arc Welding 1	4 hours per week	2 credits			
32414340	Basic Electrical Theory	4 hours per week	2 credits			
32414341	Electrical Systems Corequisite: 32-414-340 Basic Electrical Theory	6 hours per week	3 credits			
32414343	Industrial Systems Control Corequisite: 32414340 Basic Electrical Theory	6 hours per week	3 credits			
32462317	Industrial Safety	2 hours per week	1 credit			
32804334	Applied Technical Math 2 Prerequisite: 32804325 Applied Technical Math 1	4 hours per week	2 credits			
	<b>SECOND TERM TOTAL</b>	26 hours per week	13 credits			
<b>THIRD TERM - FALL 2025</b>						
31442370	Gas Metal Arc Welding 1	6 hours per week	3 credits			
32462312	Bearings and Lubrication	2 hours per week	1 credit			
32462320	Gears, Belts, and Chain Drives	2 hours per week	1 credit			
32462314	Machine Leveling and Alignments	4 hours per week	2 credits			
32462321	Conveyors (WBL)	4 hours per week	2 credits			
32462322	Conveyor Systems Repair Lab Corequisite: 32462321 Conveyors (WBL)	6 hours per week	3 credits			
32801361	Applied Communications	4 hours per week	2 credits			
	<b>THIRD TERM TOTAL</b>	28 hours per week	14 credits			



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CATALOG NUMBER	COURSE TITLE	HOURS PER WEEK	CREDITS	NOTES	DATE COMPLETED	TRANSFER OR GRADE
<b>FOURTH TERM - SPRING 2026</b>						
31442379	Gas Tungsten Arc Welding 1	4 hours per week	2 credits			
32419301	Hydraulics/Pneumatics	6 hours per week	3 credits			
32462308	Piping Systems	4 hours per week	2 credits			
32462309	Pump Applications	4 hours per week	2 credits			
32462330	Fluid Systems Repair Lab (WBL) Corequisites: 32419301 Hydraulics/ Pneumatics, 32462308 Piping Systems, and 32462309 Pump Applications	4 hours per week	2 credits			
32809380	Applied Interpersonal Skills	4 hours per week	2 credits			
	<b>FOURTH TERM TOTAL</b>	26 hours per week	13 credits			
	<b>TOTAL CREDITS</b>		<b>55</b> Total Credits			

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 average (GPA) of 2.0 in a 4.0 grade system is required to graduate.*

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