

**32-462-1 INDUSTRIAL MAINTENANCE TECHNICIAN
2025-26 REQUIRED COURSES
NORTHWOOD TECHNICAL COLLEGE
SUPERIOR
SPRING 2026 (START 4)**

Name/ID _____

Date _____

CATALOG NUMBER	COURSE TITLE	*HOURS PER WEEK	CREDITS	NOTES	DATE COMPLETED	TRANSFER OR GRADE
FIRST TERM - SPRING 2026						
31442373	Shielded Metal Arc Welding 1	6 hours per week	3 credits			
32419301	Hydraulics/Pneumatics	6 hours per week	3 credits			
32462308	Piping Systems	6 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			
	FIRST TERM TOTAL	24 hours per week	12 credits			
SECOND TERM - FALL 2026						
31442374	Shielded Metal Arc Welding 2 Corequisite: 31442373 Shielded Metal Arc Welding 1	6 hours per week	2 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			
	SECOND TERM TOTAL	27 hours per week	14 credits			
THIRD TERM - SPRING 2027						
31442370	Gas Metal Arc Welding 1	6 hours per week	3 credits			
32414340	Basic Electrical Theory	4 hours per week	2 credits			
32414341	Electrical Systems	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			
32809380	Applied Interpersonal Skills	4 hours per week	2 credits			
	THIRD TERM TOTAL	32 hours per week	16 credits			
FOURTH TERM - FALL 2027						
31442379	Gas Tungsten Arc Welding 1	4 hours per week	2 credits			
32462312	Bearings and Lubrication	2 hours per week	1 credit			
32462314	Machine Leveling and Alignments	4 hours per week	2 credits			
32462320	Gears, Belts, and Chain Drives	2 hours per week	1 credit			
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			
	TERM TOTAL	25 hours per week	13 credits			
	TOTAL CREDITS		55			



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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 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. 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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