



**32-462-1 INDUSTRIAL MAINTENANCE TECHNICIAN  
2020-21 PROGRAM CURRICULUM CHECKLIST  
NORTHWOOD TECHNICAL COLLEGE  
SUPERIOR  
SPRING 2021 (START 2)**

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

CATALOG NUMBER	COURSE TITLE	HOURS PER WEEK	CREDITS	NOTES	DATE COMPLETED	TRANSFER OR GRADE
<b>FIRST TERM</b>						
31442373	Shielded Metal Arc Welding 1	6 hours per week	3 credits			
32414340	Basic Electrical Theory	4 hours per week	2 credits			
32414341	Electrical Systems Corequisite: 32414340 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 credits			
32809380	Applied Interpersonal Skills	3 hours per week	2 credits			
	<b>FIRST TERM TOTAL</b>	<b>27 hours per week</b>	<b>14 credits</b>			
<b>SECOND TERM</b>						
31442374	Shielded Metal Arc Welding 2 Corequisite: 31442373 Shielded Metal Arc Welding 1	4 hours per week	2 credits			
32462312	Bearings and Lubrication	2 hours per week	1 credits			
32462314	Machine Leveling and Alignments	4 hours per week	2 credits			
32462320	Gears, Belts, and Chain Drives	2 hours per week	1 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			
32804325	Applied Technical Math 1	6 hours per week	3 credits			
	<b>SECOND TERM TOTAL</b>	<b>32 hours per week</b>	<b>16 credits</b>			
<b>THIRD TERM</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			
32804334	Applied Technical Math 2 Prerequisite: 32804325 Applied Technical Math 1	4 hours per week	2 credits			
	<b>THIRD TERM TOTAL</b>	<b>26 hours per week</b>	<b>13 credits</b>			



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<b>FOURTH TERM</b>						
31442370	Gas 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			
	<b>FOURTH TERM TOTAL</b>	24 hours per week	12 credits			
	<b>PROGRAM REQUIREMENTS</b>		<b>55 Total Credits</b>			

*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 <https://www.NorthwoodTech.edu/admissions/preparing-for-college/credit-for-prior-learning> for more information*

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

Revised 7/31/2020