



**32-462-1 INDUSTRIAL MAINTENANCE TECHNICIAN
2021-22 PROGRAM CURRICULUM CHECKLIST
NORTHWOOD TECHNICAL COLLEGE
SUPERIOR
SPRING 2022 (START 4)**

Name/ID _____

| CATALOG NUMBER | COURSE TITLE | HOURS PER WEEK | CREDITS | NOTES | DATE COMPLETED | TRANSFER OR GRADE |
|--------------------|--|-------------------|------------|-------|----------------|-------------------|
| FIRST TERM | | | | | | |
| 31442373 | Shielded Metal Arc Welding 1 | 6 hours per week | 3 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 | | | |
| | FIRST TERM TOTAL | 24 hours per week | 12 credits | | | |
| SECOND TERM | | | | | | |
| 31442374 | Shielded Metal Arc Welding 2 Corequisite: 31442373 Shielded Metal Arc Welding 1 | 4 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 | | | | | | |
| 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 | | | |



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| FOURTH TERM | | | | | | |
| 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 | | | |
| | PROGRAM REQUIREMENTS | | 55 | | | |

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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