

Name/ID _____

Date _____

| Catalog Number | Course Title | *Hours per Week | Credits | Notes | Date Completed | Transfer or Grade |
|----------------------------|--|----------------------|------------|-------|----------------|-------------------|
| | First Term - Fall 2026 | | | | | |
| | 16 Weeks | | | | | |
| 32412301 | Diesel Safety and Industry Practices | 4 hours per week | 2 credits | | | |
| 32801361 | Applied Communications | 4 hours per week | 2 credits | | | |
| | First 8 Weeks | | | | | |
| 32070326 | Basic Engines | 20 hours per week | 5 credits | | | |
| | Second 8 Weeks | | | | | |
| 32070338 | Diesel Engine Theory Corequisite: 32070326 Basic Engines | 4 hours per week | 1 credit | | | |
| 32070361 | Diesel Engine Repair Corequisites: 32070326 Basic Engines and 32070338 Diesel Engine Theory | 20 hours per week | 5 credits | | | |
| | First Term Total | 28-32 hours per week | 15 credits | | | |
| | Second Term - Spring 2027 | | | | | |
| | 16 Weeks | | | | | |
| 32442307 | Welding for Mechanics | 4 hours per week | 2 credits | | | |
| 32804303 | Applied Math | 4 hours per week | 2 credits | | | |
| | First 8 Weeks | | | | | |
| 32404376 OR 32070370 | DC Automotive Electrical* Corequisite: 32404375 Automotive Fundamentals OR 12-Volt Electrical Theory** Prerequisite: 32412301 Diesel Safety and Industry Practices | 8 hours per week | 2 credits | | | |
| 32404377 OR 32070371 | Electrical Systems* Corequisites: 32404375 Automotive Fundamentals and 32404376 DC Automotive Electrical OR Introduction to Live Repair** Prerequisite: 32412301 Diesel Safety and Industry Practices and Corequisite: 32070370 12-Volt Electrical Theory | 12 hours per week | 3 credits | | | |
| | Second 8 Weeks | | | | | |
| 32070367 | 12-Volt Electrical Circuits Corequisites: 32070370 12-Volt Electrical Theory and 32070371 Introduction to Live Repair) OR (32404376 DC Automotive Electrical and 32404377 Electrical Systems) | 20 hours per week | 5 credits | | | |
| | Second Term Total | 28 hours per week | 14 credits | | | |

32-412-4 Diesel Equipment Technician
2026-27 Required Courses
Northwood Technical College
New Richmond

| Catalog Number | Course Title | *Hours per Week | Credits | Notes | Date Completed | Transfer or Grade |
|----------------|---|----------------------|-----------------------------|-------|----------------|-------------------|
| | Third Term - Fall 2027 | | | | | |
| | 16 Weeks | | | | | |
| 32804313 | Applied Math 2 Prerequisite: 32804303 Applied Math | 4 hours per week | 2 credits | | | |
| | First 8 Weeks | | | | | |
| 32070339 | Mobile Hydraulics Theory Prerequisite: 32070367 12-Volt Electrical Circuits | 4 hours per week | 1 credit | | | |
| 32070365 | Mobile Hydraulics Prerequisite: 32070367 12-Volt Electrical Circuits and Corequisite: 32070339 Mobile Hydraulics Theory | 20 hours per week | 5 credits | | | |
| 32412306 | Alternative Fuels Prerequisite: 32070361 Diesel Engine Repair | 4 hours per week | 1 credit | | | |
| | Second 8 Weeks | | | | | |
| 32412309 | Advanced Diesel Engine Controls and Emissions Prerequisite: 32070361 Diesel Engine Repair and 32070367 12-Volt Electrical Circuits | 4 hours per week | 1 credit | | | |
| 32412304 | Diesel Truck Powertrains Prerequisites: 32412301 Diesel Safety and Industry Practices and 32070361 Diesel Engine Repair | 12 hours per week | 3 credits | | | |
| 32412302 | Diesel Truck Brake Systems Prerequisites: 32412301 Diesel Safety and Industry Practices and 32070361 Diesel Engine Repair | 12 hours per week | 3 credits | | | |
| | Third Term Total | 32 hours per week | 16 credits | | | |
| | Fourth Term - Spring 2028 | | | | | |
| | 16 Weeks | | | | | |
| 32801362 | Advanced Communication Skills Prerequisite: 32801361 Applied Communications | 4 hours per week | 2 credits | | | |
| | First 8 weeks | | | | | |
| 32070369 | Mobile HVAC for Heavy Equipment | 4 hours per week | 1 credit | | | |
| | First 4 weeks | | | | | |
| 32412303 | Diesel Truck Chassis Systems Prerequisite: 32412304 Diesel Truck Powertrains | 24 hours per week | 3 credits | | | |
| | Second 4 weeks | | | | | |
| 32412308 | Diesel Live Repair Prerequisite: 32070371 Introduction to Live Repair | 24 hours per week | 3 credits | | | |
| | Third 4 weeks | | | | | |
| 32412310 | Diesel Preventive Maintenance Prerequisites: 32412304 Diesel Truck Powertrains and 3241302 Diesel Truck Brake Systems | 16 hours per week | 2 credits | | | |
| | Last 4 weeks | | | | | |
| 32412307 | Diesel Truck Inspection Corequisite: 32412310 Diesel Preventive Maintenance | 16 hours per week | 2 credits | | | |
| | Fourth Term Total | 20-32 hours per week | 13 credits | | | |
| | Total Credits | | 58 Total Credits | | | |

*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. If you do not take courses in the recommended sequence above, it may delay your completion of graduation requirements. A program plan grade point 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](#)

**These courses are available at the Superior Campus. Corequisite override required by the Academic Dean (for Automotive programs) for students to enroll in 32404376 DC Automotive Electrical and/or 32404377 Electrical Systems.*

***These courses are available at the New Richmond Campus*

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