



**32-412-4 DIESEL EQUIPMENT TECHNICIAN  
2021-22 PROGRAM CURRICULUM CHECKLIST  
NORTHWOOD TECHNICAL COLLEGE  
NEW RICHMOND**

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

Date \_\_\_\_\_

CATALOG NUMBER	COURSE TITLE	HOURS PER WEEK	CREDITS	NOTES	DATE COMPLETED	Transfer of Grade
<b>FIRST TERM - Fall 2021</b>						
<b>16 Weeks</b>						
32412301	Diesel Safety and Industry Practices	4 hours per week	2 credits			
32890305	Applied Information Resources	4 hours per week	2 credits			
<b>First 8 Weeks</b>						
32070326	Basic Engines	20 hours per week	5 credits			
<b>Second 8 Weeks</b>						
32070338	Diesel Engine Theory Corequisite: 32070326 Basic Engines	4 hours per week	1 credit			
32070361	Advanced Engines Corequisites: 32070326 Basic Engines and 32070338 Diesel Engine Theory	20 hours per week	5 credits			
<b>FIRST TERM TOTAL</b>		28-32 hours per week	15 credits			
<b>SECOND TERM - Spring 2022</b>						
<b>16 Weeks</b>						
32442307	Welding for Mechanics	4 hours per week	2 credits			
32809380	Applied Interpersonal Skills	4 hours per week	2 credits			
32804303	Applied Math	4 hours per week	2 credits			
<b>First 8 Weeks</b>						
32404376 OR 32070337	DC Automotive Electrical* Corequisite: 32404375 Automotive Fundamentals OR 12-Volt Electrical Theory** Prerequisite: 32412301 Diesel Safety and Industry Practices	8 OR 4 hours per week	2 OR 1 credits			
32404377 OR 32070360	Electrical Systems* Corequisites: 32404375 Automotive Fundamentals and 32404376 DC Automotive Electrical OR 12-Volt Electrical** Prerequisite: 32-412-301 Diesel Safety and Industry Practices and Corequisite: 32070337 12-Volt Electrical Theory	12 OR 16 hours per week	3 OR 4 credits			
<b>Second 8 Weeks</b>						
32070367	Advanced 12-Volt Electrical (This course title will be updated to 12-volt Electrical Circuits Fall 2022) Corequisites: 32070337 12-Volt Electrical Theory and 32070360 12-Volt Electrical OR Corequisites 32404376 DC Automotive Electrical and 32404377 Electrical Systems	20 hours per week	5 credits			
<b>SECOND TERM TOTAL</b>		28-36 hours per week	16 credits			

All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better. Revised 11/15/2021



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<b>THIRD TERM - Fall 2022</b>						
<b>16 Weeks</b>						
32801361	Applied Communications	4 hours per week	2 credits			
<b>First 8 Weeks</b>						
32070339	Mobile Hydraulics Theory Prerequisite: 32070367 Advanced 12-Volt Electrical	4 hours per week	1 credit			
32070365	Mobile Hydraulics Prerequisite: 32070367 Advanced 12-Volt Electrical and Corequisite: 32070339 Mobile Hydraulics Theory	20 hours per week	5 credits			
<b>Second 8 Weeks</b>						
32412300	Diesel Heavy Truck & Forklift Familiarization	4 hours per week	1 credit			
32412305	Diesel Preventive Maintenance	4 hours per week	1 credit			
32412302	Diesel Truck Brake Systems PEREQUISITE: 32412301 Diesel Safety and Industry Practices and 32070361 Diesel Engine Repair (previously titled Advanced Engines)	12 hours per week	3 credits			
<b>THIRD TERM TOTAL</b>		24-28 hours per week	13 credits			
<b>FOURTH TERM - Spring 2023</b>						
<b>16 Weeks</b>						
32412303	Diesel Truck Chassis Systems	6 hours per week	3 credits			
32412304	Diesel Truck Powertrains PREREQUISITE: 32412301 Diesel Safety and Industry Practices and 32070361 Diesel Engine Repair (previously titled Advanced Engines)	6 hours per week	3 credits			
32412306	Alternative Fuels PREREQUISITE: 32070361 Diesel Engine Repair (previously titled Advanced Engines)	2 hours per week	1 credit			
32412307	Diesel Inspection (This course title will be updated to Diesel Truck Inspection Fall 2022)	4 hours per week	2 credits			
32412308	Diesel Live Repair	6 hours per week	3 credits			
<b>First 8 weeks</b>						
32070369	Mobile HVAC for Heavy Equipment	4 hours per week	1 credit			
<b>FOURTH TERM TOTAL</b>		24-28 hours per week	13 credits			
<b>PROGRAM REQUIREMENTS</b>			<b>57 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. If you do not take courses in the recommended sequence above, it may delay your completion of 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 <http://www.NorthwoodTech.edu/academics/transfer/priorlearn.htm> 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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or 715.752.8128. You will receive a response within 5 business days.

All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better. Revised 11/15/2021