



**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
FIRST TERM						
16 Weeks						
32412301	Diesel Safety and Industry Practices	4 hours per week	2 credits			
32890305	Applied Information Resources	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	Advanced Engines 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						
16 Weeks						
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			
First 8 Weeks						
32404376	DC Automotive Electrical* Corequisite: 32404375 Automotive Fundamentals	8	2			
OR		OR	OR			
32070337	12-Volt Electrical Theory** Prerequisite: 32412301 Diesel Safety and Industry Practices	4 hours per week	1 credits			
32404377	Electrical Systems* Corequisites: 32404375 Automotive Fundamentals and 32404376 DC Automotive Electrical	12	3			
OR		OR	OR			
32070360	12-Volt Electrical** Prerequisite: 32-412-301 Diesel Safety and Industry Practices and Corequisite: 32070337 12-Volt Electrical Theory	16 hours per week	4 credits			
Second 8 Weeks						
32070367	Advanced 12-Volt Electrical 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			
SECOND TERM TOTAL		28-36 hours per week	16 credits			



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THIRD TERM						
16 Weeks						
32801361	Applied Communications	4 hours per week	2 credits			
First 8 Weeks						
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			
Second 8 Weeks						
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	12 hours per	3 credits			
THIRD TERM TOTAL		24-28 hours per week	13 credits			
FOURTH TERM						
16 Weeks						
32412303	Diesel Truck Chassis Systems	6 hours per week	3 credits			
32412304	Diesel Truck Powertrains	6 hours per week	3 credits			
32412306	Alternative Fuels	2 hours per week	1 credit			
32412307	Diesel Inspection	4 hours per week	2 credits			
32412308	Diesel Live Repair	6 hours per week	3 credits			
First 8 weeks						
32070369	Mobile HVAC for Heavy Equipment	4 hours per week	1 credit			
FOURTH TERM TOTAL		24-28 hours per week	13 credits			
PROGRAM REQUIREMENTS			57 Total Credits			

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*

If you have difficulty accessing this content or notice any accessibility problems, please contact the Northwood Tech Curriculum Office at

curriculum.office@NorthwoodTech.edu

or 715.234.7082 x5410. 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 7/15/2021