



**32-070-1 AG POWER EQUIPMENT TECHNICIAN  
2025-26 REQUIRED COURSES  
NORTHWOOD TECHNICAL COLLEGE  
NEW RICHMOND**

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

Date \_\_\_\_\_

CATALOG NUMBER	COURSE TITLE	*HOURS PER WEEK	CREDITS	NOTES	DATE COMPLETED
<b>FIRST TERM - FALL 2025</b>					
<b>16 Weeks</b>					
32412301	Diesel Safety and Industry Practices	4 hours per week	2 credits		
32801361	Applied Communications	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	Diesel Engine Repair 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 2026</b>					
<b>16 Weeks</b>					
32442307	Welding for Mechanics	4 hours per week	2 credits		
32804303	Applied Math	4 hours per week	2 credits		
<b>First 8 Weeks</b>					
32070370	12-Volt Electrical Theory Prerequisite: 32412301 Diesel Safety and Industry Practices	8 hours per week	2 credits		
32070371	Introduction to Live Repair Prerequisite: 32412301 Diesel Safety and Industry Practices and Corequisite: 32070370 12-Volt Electrical Theory	12 hours per week	3 credits		
<b>Second 8 Weeks</b>					
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		
<b>SECOND TERM TOTAL</b>		28 hours per week	14 credits		



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CATALOG NUMBER	COURSE TITLE	*HOURS PER WEEK	CREDITS	NOTES	DATE COMPLETED
<b>THIRD TERM - FALL 2026</b>					
<b>16 Weeks</b>					
32804313	Applied Math 2 Prerequisite: 32804303 Applied Math	4 hours per week	2 credits		
<b>First 8 Weeks</b>					
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		
<b>Second 8 Weeks</b>					
32412309	Advanced Diesel Engine Controls and Emissions Prerequisite: 32070361 Diesel Engine Repair and 32070367 12-Volt Electrical Circuits	4 hours per week	1 credit		
32070366	Advanced Mobile Hydraulics Prerequisite: 32070367 12-Volt Electrical Circuits and Corequisite: 32070365 Mobile Hydraulics and 32070339 Mobile Hydraulics Theory	20 hours per week	5 credits		
<b>THIRD TERM TOTAL</b>		28 hours per week	14 credits		
<b>FOURTH TERM - SPRING 2027</b>					
<b>16 Weeks</b>					
32801362	Advanced Communication Skills Prerequisite: 32801361 Applied Communications	4 hours per week	2 credits		
<b>First 8 weeks</b>					
32070341	Power Train Theory Prerequisite: 32070366 Advanced Mobile Hydraulics	4 hours per week	1 credit		
32070358	Power Trains 1 Prerequisite: 32070366 Advanced Mobile Hydraulics and Corequisite: 32070341 Power Train Theory.	20 hours per week	5 credits		
32070369	Mobile HVAC for Heavy Equipment	4 hours per week	1 credit		
<b>Second 8 weeks</b>					
32070364	Power Trains 2 Corequisites: 32070341 Power Train Theory and 32070358 Power Trains 1	20 hours per week	5 credits		
<b>FOURTH TERM TOTAL</b>		24-32 hours per week	14 credits		
<b>TOTAL CREDITS</b>			<b>57 Total Credits</b>		



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\*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 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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