



**32-070-1 AG POWER EQUIPMENT TECHNICIAN
2024-25 REQUIRED COURSES
NORTHWOOD TECHNICAL COLLEGE
NEW RICHMOND**

Name/ID _____

Date _____

CATALOG NUMBER	COURSE TITLE	HOURS PER WEEK	CREDITS	NOTES	DATE COMPLETED
FIRST TERM (Fall 2024)					
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 2025)					
16 Weeks					
32442307	Welding for Mechanics	4 hours per week	2 credits		
32804303	Applied Math	4 hours per week	2 credits		
First 8 Weeks					
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		
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		



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CATALOG NUMBER	COURSE TITLE	HOURS PER WEEK	CREDITS	NOTES	DATE COMPLETED
THIRD TERM (Fall 2025)					
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		
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		
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		
THIRD TERM TOTAL		28 hours per week	14 credits		
FOURTH TERM (Spring 2026)					
16 Weeks					
32801362	Advanced Communication Skills Prerequisite: 32801361 Applied Communications	4 hours per week	2 credits		
First 8 weeks					
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		
Second 8 weeks					
32070364	Power Trains 2 Corequisites: 32070341 Power Train Theory and 32070358 Power Trains 1	20 hours per week	5 credits		
FOURTH TERM TOTAL		24-32 hours per week	14 credits		
TOTAL CREDITS			57 Total Credits		



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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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