



**32-070-1 AG POWER EQUIPMENT TECHNICIAN
2020-2021 PROGRAM CURRICULUM CHECKLIST
NORTHWOOD TECHNICAL COLLEGE
NEW RICHMOND**

Name/ID _____

CATALOG NUMBER	COURSE TITLE	HOURS PER WEEK	CREDITS	NOTES	DATE COMPLETED
FIRST TERM					
16 Weeks					
32412301	Diesel Safety and Industry Practices	4 hours per week	2 credits		
32890305	Applied Information Resources	3 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		27-31 hours per week	15 credits		
SECOND TERM					
16 Weeks					
32442307	Welding for Mechanics	4 hours per week	2 credits		
32809380	Applied Interpersonal Skills	3 hours per week	2 credits		
32804303	Applied Math	3 hours per week	2 credits		
First 8 Weeks					
32070337	12-Volt Electrical Theory Prerequisite: 32412301 Diesel Safety and Industry Practices	4 hours per week	1 credit		
32070360	12-Volt Electrical Prerequisite: 32412301 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		30 hours per week	16 credits		



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THIRD TERM					
16 Weeks					
32804313	Applied Math 2 Prerequisite: 32804303 Applied Math	4 hours per week	2 credits		
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					
32070366	Advanced Mobile Hydraulics Prerequisite: Advanced 12-Volt Electrical and Corequisite: 32070365 Mobile Hydraulics and 32070339 Mobile Hydraulics Theory	20 hours per week	5 credits		
THIRD TERM TOTAL		28-32 hours per week	15 credits		
FOURTH TERM					
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		
PROGRAM REQUIREMENTS			60 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 <https://www.NorthwoodTech.edu/admissions/preparing-for-college/credit-for-prior-learning> for more information

All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better. Revised 07/31/20

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