



**32-070-1 AG POWER EQUIPMENT TECHNICIAN
2022-2023 PROGRAM CURRICULUM CHECKLIST
NORTHWOOD TECHNICAL COLLEGE
NEW RICHMOND**

Name/ID _____

Date _____

| CATALOG NUMBER | COURSE TITLE | HOURS PER WEEK | CREDITS | NOTES | DATE COMPLETED |
|----------------------------------|---|----------------------|------------|-------|----------------|
| FIRST TERM (Fall 2022) | | | | | |
| 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 2023) | | | | | |
| 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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|----------------------------------|---|----------------------|-------------------------|-------|----------------|
| THIRD TERM (Fall 2023) | | | | | |
| 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 | | |
| 32412309 | Advanced Diesel Engine Controls and Emissions Prerequisite: 32070361 Diesel Engine Repair and 32070367 12-Volt Electrical Circuits | 4 hours per week | 1 credit | | |
| Second 8 Weeks | | | | | |
| 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 | | 24-32 hours per week | 14 credits | | |
| FOURTH TERM (Spring 2024) | | | | | |
| 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 | | | 57 Total Credits | | |



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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

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 715.752.8128. *You will receive a response within 5 business days.*