



Pending WTCS Approval
31-404-2 AUTOMOTIVE SERVICE TECHNICIAN (SUPERIOR)
2024-25 REQUIRED COURSES
NORTHWOOD TECHNICAL COLLEGE
SUPERIOR CAMPUS SEQUENCE ONLY



Name/ID

Date

| CATALOG NUMBER | COURSE TITLE | HOURS PER WEEK | CREDITS | AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN TECHNICAL DIPLOMA (30-404-1) | AUTOMOTIVE SERVICE TECHNICIAN TECHNICAL DIPLOMA (SUPERIOR) (Financial Aid Eligible) | AUTOMOTIVE TECHNICIAN TECHNICAL DIPLOMA RICE LAKE (Financial Aid Eligible) |
|----------------|---|-------------------|-----------|---|---|--|
| | FIRST TERM (Fall 2024) | | | | | |
| | 16 Weeks - | | | | | |
| 32804303 | Applied Math | 4 hours per week | 2 credits | | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| | 1st 4 Weeks - | | | | | |
| 32404351 | Automotive Fundamentals | 24 hours per week | 3 credits | AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| | 2nd 3 Weeks - | | | | | |
| 32404376 | DC Automotive Electrical Corequisite: 32404351 Automotive Fundamentals | 21 hours per week | 2 credits | AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| | Next 4 Weeks - | | | | | |
| 32404377 | Electrical Systems Corequisite: 32404351 Automotive Fundamentals and 32404376 DC Automotive Electrical | 24 hours per week | 3 credits | AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| | Last 5 Weeks - | | | | | |
| 32404352 | Engine Repair Corequisite: 32404351 Automotive Fundamentals and 32404376 DC Automotive Electrical | 19 hours per week | 3 credits | AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| | 3 Weeks | | | | | |
| 32404388 | Intro to Diesels and Hybrids Corequisites: 32404376 DC Automotive Electrical and 32404377 Electrical Systems | 21 hours per week | 2 credits | | | AUTOMOTIVE TECHNICIAN |
| | FIRST TERM TOTAL | | | 11 Credits AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN | 13 Credits AUTOMOTIVE SERVICE TECHNICIAN | 15 Credits AUTOMOTIVE TECHNICIAN |

All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better. Revised 11/2/2023

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| | SECOND TERM (Spring 2025) | | | | | |
| | 16 Weeks | | | | | |
| 32801361 | Applied Communications | 4 hours per week | 2 credits | | | AUTOMOTIVE TECHNICIAN |
| 32404385 | Air Conditioning and Heating Systems Prerequisites: 32404351 Automotive Fundamentals and 32404376 DC Automotive Electrical | 6 hours per week | 3 credits | | AUTOMOTIVE SERVICE TECHNICIAN | |
| | 1st 4 Weeks | | | | | |
| 32404380 | Automotive Brake Systems Prerequisite: 32404351 Automotive Fundamentals and 32404376 DC Automotive Electrical | 24 hours per week | 3 credits | | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| | 2nd 4 Weeks | | | | | |
| 32404379 | Suspension and Alignment Prerequisite: 32404351 Automotive Fundamentals and 32404376 DC Automotive Electrical | 24 hours per week | 3 credits | | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| | 3rd 4 Weeks | | | | | |
| 32404381 | Engine Performance Prerequisite: 32404351 Automotive Fundamentals and 32404376 DC Automotive Electrical | 24 hours per week | 3 credits | | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| | Last 4 Weeks | | | | | |
| 32404382 | Body Electrical Systems Prerequisites: 32404351 Automotive Fundamentals and 32404376 DC Automotive Electrical | 24 hours per week | 3 credits | | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| | SECOND TERM TOTAL | 26 hours per week | | | 15 Credits AUTOMOTIVE SERVICE TECHNICIAN | 14 Credits AUTOMOTIVE TECHNICIAN |

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| | THIRD TERM (Fall 2025) | | | | | |
| | 16 Weeks | | | | | |
| 32442307 | Welding for Mechanics | 4 hours per week | 2 credits | | | AUTOMOTIVE TECHNICIAN |
| | First 5 Weeks | | | | | |
| 32404385 | Air Conditioning and Heating Systems Prerequisites: 32404351 Automotive Fundamentals and 32404376 DC Automotive Electrical | 19 hours per week | 3 credits | | | AUTOMOTIVE TECHNICIAN |
| | 2nd 5 Weeks | | | | | |
| 32404390 | Manual Drive Trains Prerequisite: 32404351 Automotive Fundamentals | 25 hours per week | 4 credits | | | AUTOMOTIVE TECHNICIAN |
| | Last 6 Weeks | | | | | |
| 32404383 | Automatic Transmissions Prerequisite: 32404351 Automotive Fundamentals | 21 hours per week | 4 credits | | | AUTOMOTIVE TECHNICIAN |
| | THIRD TERM TOTAL | 23-29 hours per week | | | | 13 Credits AUTOMOTIVE TECHNICIAN |

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|----------------|--|----------------------|-----------|---|---|--|
| | FOURTH TERM (Spring 2026) | | | | | |
| | 5 Weeks | | | | | |
| 32404391 | Advanced Body Electrical Systems Prerequisite: 32404382 Body Electrical Systems | 25 hours per week | 4 credits | | | AUTOMOTIVE TECHNICIAN |
| | 2nd 6 Weeks | | | | | |
| 32404387 | Advanced Engine Repair Prerequisite: 32404352 Engine Repair | 21 hours per week | 4 credits | | | AUTOMOTIVE TECHNICIAN |
| | 5 Weeks | | | | | |
| 32404392 | Advanced Engine Performance Prerequisite: 32404381 Engine Performance | 25 hours per week | 4 credits | | | AUTOMOTIVE TECHNICIAN |
| | FOURTH TERM TOTAL | 21-25 hours per week | | | | 12 Credits AUTOMOTIVE TECHNICIAN |
| | TOTAL CREDITS | | | 11 Credits AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN | 28 Credits AUTOMOTIVE SERVICE TECHNICIAN | 54 Credits AUTOMOTIVE TECHNICIAN |

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](#)

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.

All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better. Revised 11/2/2023