



**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) |
|-------------------------------|---|-------------------|-----------|---|---|--|
| <b>FIRST TERM (Fall 2024)</b> |   |                   |           |   |   |  |
| <b>16 Weeks -</b>             |   |                   |           |   |   |  |
| 32804303                      | Applied Math  | 4 hours per week  | 2 credits |   | AUTOMOTIVE SERVICE TECHNICIAN   | AUTOMOTIVE TECHNICIAN  |
| <b>1st 4 Weeks -</b>          |   |                   |           |   |   |  |
| 32404351                      | Automotive Fundamentals   | 24 hours per week | 3 credits | AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN                              | AUTOMOTIVE SERVICE TECHNICIAN   | AUTOMOTIVE TECHNICIAN  |
| <b>2nd 3 Weeks -</b>          |   |                   |           |   |   |  |
| 32404376                      | DC Automotive Electrical<br>Corequisite: 32404351 Automotive Fundamentals                                       | 21 hours per week | 2 credits | AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN                              | AUTOMOTIVE SERVICE TECHNICIAN   | AUTOMOTIVE TECHNICIAN  |
| <b>Next 4 Weeks -</b>         |   |                   |           |   |   |  |
| 32404377                      | Electrical Systems<br>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  |
| <b>Last 5 Weeks -</b>         |   |                   |           |   |   |  |
| 32404352                      | Engine Repair<br>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  |
| <b>3 Weeks</b>                |   |                   |           |   |   |  |
| 32404388                      | Intro to Diesels and Hybrids<br>Corequisites: 32404376 DC Automotive Electrical and 32404377 Electrical Systems | 21 hours per week | 2 credits |   |   | AUTOMOTIVE TECHNICIAN  |
| <b>FIRST TERM TOTAL</b>       |   |                   |           | <b>11 Credits</b><br>AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN         | <b>13 Credits</b><br>AUTOMOTIVE SERVICE TECHNICIAN                                  | <b>15 Credits</b><br>AUTOMOTIVE TECHNICIAN                                   |

All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better. Revised 1/17/2024

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

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



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

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[curriculum.office@NorthwoodTech.edu](mailto:curriculum.office@NorthwoodTech.edu)

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

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