



**32-404-2 AUTOMOTIVE TECHNICIAN (RICE LAKE)
31-404-2 AUTOMOTIVE SERVICE TECHNICIAN (SUPERIOR)
2021-22 PROGRAM CURRICULUM CHECKLIST
NORTHWOOD TECHNICAL COLLEGE**



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 | | | | | | |
| 32404375 | Automotive Fundamentals | 4 hours per week | 2 credits | AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| 32404376 | DC Automotive Electrical Corequisite: 32404375 Automotive Fundamentals | 4 hours per week | 2 credits | AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| 32404377 | Electrical Systems Corequisite: 32404375 Automotive Fundamentals and 32404376 DC Automotive Electrical | 6 hours per week | 3 credits | AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| 32404378 | Engine Repair Corequisite: 32404375 Automotive Fundamentals and 32404376 DC Automotive Electrical | 8 hours per week | 4 credits | AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| 32804303 | Applied Math | 4 hours per week | 2 credits | | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| 32890305 | Applied Information Resources | 4 hours per week | 2 credits | | | AUTOMOTIVE TECHNICIAN |
| | FIRST TERM TOTAL | 30 hours per week | | 11 Credits AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN | 13 Credits AUTOMOTIVE SERVICE TECHNICIAN | 15 Credits AUTOMOTIVE TECHNICIAN |
| SECOND TERM | | | | | | |
| 32404379 | Suspension and Alignment Prerequisite: 32404375 Automotive Fundamentals and 32404376 DC Automotive Electrical | 6 hours per week | 3 credits | | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| 32404380 | Automotive Brake Systems Prerequisite: 32404375 Automotive Fundamentals and 32404376 DC Automotive Electrical | 6 hours per week | 3 credits | | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| 32404381 | Engine Performance Prerequisite: 32404375 Automotive Fundamentals and 32404376 DC Automotive Electrical | 6 hours per week | 3 credits | | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| 32404382 | Body Electrical Systems Prerequisites: 32404375 Automotive Fundamentals and 32404376 DC Automotive Electrical | 6 hours per week | 3 credits | | AUTOMOTIVE SERVICE TECHNICIAN | AUTOMOTIVE TECHNICIAN |
| | SECOND TERM CONTINUED ON NEXT PAGE | | | | | |

All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better. Revised 7/15/2021



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|----------------|---|-------------------|-----------|--|--|---|
| | SECOND TERM CONTINUED | | | | | |
| 32404385 | Air Conditioning and Heating Systems (WBL) Prerequisites: 32404375 Automotive Fundamentals and 32404376 DC Automotive Electrical | 6 hours per week | 3 credits | | AUTOMOTIVE SERVICE TECHNICIAN | |
| 32801361 | Applied Communications | 4 hours per week | 2 credits | | | AUTOMOTIVE TECHNICIAN |
| | SECOND TERM TOTAL | 34 hours per week | | | 15 Credits AUTOMOTIVE SERVICE TECHNICIAN | 14 Credits AUTOMOTIVE TECHNICIAN |
| | | | | | | |
| | THIRD TERM | | | | | |
| 32404383 | Automatic Transmissions Prerequisite: 32404375 Automotive Fundamentals | 8 hours per week | 4 credits | | | AUTOMOTIVE TECHNICIAN |
| 32404384 | Manual Drive Trains Prerequisite: 32404375 Automotive Fundamentals | 6 hours per week | 3 credits | | | AUTOMOTIVE TECHNICIAN |
| 32404385 | Air Conditioning and Heating Systems (WBL) Prerequisites: 32404375 Automotive Fundamentals and 32404376 DC Automotive Electrical | 6 hours per week | 3 credits | | | AUTOMOTIVE TECHNICIAN |
| 32809380 | Applied Interpersonal Skills | 4 hours per week | 2 credits | | | AUTOMOTIVE TECHNICIAN |
| 32442307 | Welding for Mechanics | 4 hours per week | 2 credits | | | AUTOMOTIVE TECHNICIAN |
| | THIRD TERM TOTAL | 28 hours per week | | | | 14 Credits AUTOMOTIVE TECHNICIAN |

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Revised 7/15/2021



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|--------------------|--|-------------------|-----------|---|--|---|
| FOURTH TERM | | | | | | |
| 32404386 | Advanced Body Electrical Systems Prerequisite: 32404382 Body Electrical Systems | 6 hours per week | 3 credits | | | AUTOMOTIVE TECHNICIAN |
| 32404387 | Advanced Engine Repair Prerequisite: 32404378 Engine Repair | 8 hours per week | 4 credits | | | AUTOMOTIVE TECHNICIAN |
| 32404388 | Intro to Hybrid Vehicles Prerequisites: 32404376 DC Automotive Electrical and 32404377 Electrical Systems | 4 hours per week | 2 credits | | | AUTOMOTIVE TECHNICIAN |
| 32404389 | Advanced Engine Performance Prerequisite: 32404381 Engine Performance | 6 hours per week | 3 credits | | | AUTOMOTIVE TECHNICIAN |
| | FOURTH TERM TOTAL | 24 hours per week | | | | 12 Credits AUTOMOTIVE TECHNICIAN |
| | PROGRAM REQUIREMENTS | | | 11 Credits AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN | 28 Credits AUTOMOTIVE SERVICE TECHNICIAN | 55 Credits AUTOMOTIVE TECHNICIAN |

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

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or 715.234.7082 x5410. You will receive a response within 5 business days.