

**32-404-2 AUTOMOTIVE TECHNICIAN (RICE LAKE)  
31-404-2 AUTOMOTIVE SERVICE TECHNICIAN (SUPERIOR)  
2024-25 REQUIRED COURSES  
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)
<b>FIRST TERM (Fall 2024)</b>						
<b>16 Weeks</b>						
32404376	DC Automotive Electrical Corequisite: 32404351 Automotive Fundamentals	4 hours per week	2 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
<b>4 Weeks</b>						
32404351	Automotive Fundamentals	24 hours per week	3 credits	AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN	AUTOMOTIVE SERVICE TECHNICIAN	AUTOMOTIVE TECHNICIAN
32404377	Electrical Systems Corequisites: 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>5 Weeks</b>						
32404352	Engine Repair Corequisites: 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 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> AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN	<b>13 Credits</b> AUTOMOTIVE SERVICE TECHNICIAN	<b>15 Credits</b> AUTOMOTIVE TECHNICIAN

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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 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 Prerequisites: 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 Prerequisites: 32404351 Automotive Fundamentals and 32404376 DC Automotive Electrical	24 hours per week	3 credits		AUTOMOTIVE SERVICE TECHNICIAN	AUTOMOTIVE TECHNICIAN
<b>3rd 4 Weeks</b>						
32404381	Engine Performance 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>						
32404382	Body Electrical Systems Prerequisites: 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> AUTOMOTIVE SERVICE TECHNICIAN	<b>14 Credits</b> 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 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 Prerequisite: 32404351 Automotive Fundamentals	25 hours per week	4 credits			AUTOMOTIVE TECHNICIAN
<b>Last 6 Weeks</b>						
32404383	Automatic Transmissions Prerequisite: 32404351 Automotive Fundamentals	21 hours per week	4 credits			AUTOMOTIVE TECHNICIAN
<b>THIRD TERM TOTAL</b>						<b>13 Credits</b> AUTOMOTIVE TECHNICIAN

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<b>FOURTH TERM (Spring 2026)</b>						
<b>5 Weeks</b>						
32404391	Advanced Body Electrical Systems Prerequisite: 32404382 Body Electrical Systems	25 hours per week	4 credits			AUTOMOTIVE TECHNICIAN
<b>2nd 6 Weeks</b>						
32404387	Advanced Engine Repair Prerequisite: 32404352 Engine Repair	21 hours per week	4 credits			AUTOMOTIVE TECHNICIAN
<b>5 Weeks</b>						
32404392	Advanced Engine Performance Prerequisite: 32404381 Engine Performance	25 hours per week	4 credits			AUTOMOTIVE TECHNICIAN
<b>FOURTH TERM TOTAL</b>						12 Credits AUTOMOTIVE TECHNICIAN
<b>TOTAL CREDITS</b>				<b>11 Credits</b> AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR TECHNICIAN	<b>28 Credits</b> AUTOMOTIVE SERVICE TECHNICIAN	<b>54 Credits</b> 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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All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better. Revised 5/20/2024