

**31-404-2 AUTOMOTIVE SERVICE TECHNICIAN (SUPERIOR)
2025-26 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 2025						
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 -						
3.2E+07	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

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SECOND TERM - Spring 2026						
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						
32404382	Body Electrical Systems Prerequisites: 32404351 Automotive Fundamentals and 32404376 DC Automotive Electrical	24 hours per week	3 credits		AUTOMOTIVE SERVICE TECHNICIAN	AUTOMOTIVE TECHNICIAN
Last 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
SECOND TERM TOTAL					15 Credits AUTOMOTIVE SERVICE TECHNICIAN	14 Credits AUTOMOTIVE TECHNICIAN

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	THIRD TERM - Fall 2026					
	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 2027						
	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

*Hours per week represents periods of instruction and/or work-based learning hours per week (class hours). Additional time may be required outside of class to complete assignments. For more details on what you can expect outside of class, please see the "Expectations Outside of the Classroom" section of the Student Handbook

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 6.20.24