



Name/ID _____

Date _____

Catalog Number	Course Title	*Hours per Week	Credits	Marine Repair Essentials Pathway Certificate (61-461-1)	Marine Repair Technician Technical Diploma (Financial Aid Eligible)	Date Completed	Transfer or Grade
	First Term - Fall 2026						
	16 Weeks						
31461315	Marine Electricity/Electronics Corequisite: 31461314 Outboard Motors	4 hours per week	2 credits	Marine Repair Essentials	Marine Repair Technician		
31461330	Marine Welding Corequisite: 31461314 Outboard Motors	2 hours per week	1 credit	Marine Repair Essentials	Marine Repair Technician		
	First 7 Weeks						
31461314	Outboard Motors	23 hours per week	5 credits	Marine Repair Essentials	Marine Repair Technician		
	Second 7 Weeks						
31461322	Inboard Engines Corequisite: 31461314 Outboard Motors	23 hours per week	5 credits	Marine Repair Essentials	Marine Repair Technician		
	Last 2 Weeks						
31461325	Marine Diesel Corequisite: 31461314 Outboard Motors	16 hours per week	1 credit	Marine Repair Essentials	Marine Repair Technician		
	First Term Total	22-29 hours per week		14 Credits Marine Repair Essentials	14 Credits Marine Repair Technician		

31-461-4 Marine Repair Technician
2026-27 Required Courses
Northwood Technical College
Ashland
Fall Start



Catalog Number	Course Title	*Hours per Week	Credits	Marine Repair Essentials Pathway Certificate (61-461-1)	Marine Repair Technician Technical Diploma (Financial Aid Eligible)	Date Completed	Transfer or Grade
Second Term - Spring 2027							
	16 Weeks						
32804303	Applied Math	4 hours per week	2 credits		Marine Repair Technician		
	First 7 Weeks						
31461317	Marine Engine Systems Prereq: 31461314 Outboard Motors	24 hours per week	5 credits		Marine Repair Technician		
	Second 7 Weeks						
31461346	Marine Engine Computer Control Systems Prereq: 31461314 Outboard Motors	24 hours per week	5 credits		Marine Repair Technician		
	Last 2 Weeks						
31461321	Introduction to Can-Bus Systems Prereq: 31461314 Outboard Motors	24 hours per week	2 credits		Marine Repair Technician		
	Second Term Total	28 hours per week			14 Credits Marine Repair Technician		
Third Term - Fall 2027							
	16 Weeks						
32801361	Applied Communications	4 hours per week	2 credits		Marine Repair Technician		
	First 7 Weeks						
31461318	Outboard Gear Cases/Rigging Prerequisite: 31461314 Outboard Motors	24 hours per week	5 credits		Marine Repair Technician		
	Second 7 Weeks						
31461319	Sterndrive Systems Prerequisite: 31461314 Outboard Motors	24 hours per week	5 credits		Marine Repair Technician		
	Last 2 Weeks						
31461323	Inboard Transmission Systems Prerequisite: 31461314 Outboard Motors	24 hours per week	2 credits		Marine Repair Technician		
	Third Term Total	28 hours per week			14 Credits Marine Repair Technician		
	Total Credits			14 Credits Marine Repair Essentials	42 Credits Marine Repair 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.*

Certificate Requirements: *Although your academic advisor can provide guidance, you are ultimately responsible for selecting courses that meet a certificate's completion requirements. This certificate requires a GPA of 2.0 in a 4.0 grade system to complete.*

Earn Credit for What You Already Know:

[Visit Credit for Prior Learning for more information](#)

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