



**31-461-4 MARINE REPAIR TECHNICIAN  
2021-22 PROGRAM CURRICULUM CHECKLIST  
NORTHWOOD TECHNICAL COLLEGE  
ASHLAND  
FALL START**



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
<b>FIRST TERM (FALL)</b>							
<b>16 Weeks</b>							
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		
<b>First 7 Weeks</b>							
31461314	Outboard Motors	23 hours per week	5 credits	Marine Repair Essentials	Marine Repair Technician		
<b>Second 7 Weeks</b>							
31461322	Inboard Engines Corequisite: 31461314 Outboard Motors	23 hours per week	5 credits	Marine Repair Essentials	Marine Repair Technician		
<b>Last 2 Weeks</b>							
31461325	Marine Diesel Corequisite: 31461314 Outboard Motors	16 hours per week	1 credit	Marine Repair Essentials	Marine Repair Technician		
<b>FIRST TERM TOTAL</b>		22- 29 hours per week		14 Credits Marine Repair Essentials	14 Credits Marine Repair Technician		
<b>SECOND TERM (SPRING)</b>							
31461317	Marine Engine Systems Prereq: 31461314 Outboard Motors	10 hours per week	5 credits		Marine Repair Technician		
31461321	Introduction to Can-Bus Systems Prereq: 31461314 Outboard Motors	4 hours per week	2 credits		Marine Repair Technician		
32461326	Marine Engine Computer Control Systems Prereq: 31461314 Outboard Motors	8 hours per week	4 credits		Marine Repair Technician		
32804303	Applied Math	4 hours per week	2 credits		Marine Repair Technician		
<b>SECOND TERM TOTAL</b>		26 hours per week			13 Credits Marine Repair Technician		



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<b>THIRD TERM (FALL)</b>							
31461318	Outboard Gear Cases/Rigging Prerequisite: 31461314 Outboard Motors	10 hours per week	5 credits		Marine Repair Technician		
31461319	Sterndrive Systems Prerequisite: 31461314 Outboard Motors	10 hours per week	5 credits		Marine Repair Technician		
31461323	Inboard Transmission Systems Prerequisite: 31461314 Outboard Motors	4 hours per week	2 credits		Marine Repair Technician		
32801361	Applied Communications	4 hours per week	2 credits		Marine Repair Technician		
	<b>THIRD TERM TOTAL</b>	28 hours per week			<b>14 Credits</b> Marine Repair Technician		
	<b>PROGRAM REQUIREMENTS</b>			<b>14 Credits</b> Marine Repair Essentials	<b>41 Credits</b> Marine Repair 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*

*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 <https://www.NorthwoodTech.edu/admissions/preparing-for-college/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 7/16/2021