



**31-461-4 MARINE REPAIR TECHNICIAN  
2020-21 PROGRAM CURRICULUM CHECKLIST  
NORTHWOOD TECHNICAL COLLEGE  
ASHLAND  
SPRING START**



Name/ID \_\_\_\_\_

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 COM- PLETED	TRANSFER OR GRADE
<b>FIRST TERM (SPRING)</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		
32804303	Applied Math	3 hours per week	2 credits		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>		70 hours per week		14 Credits Marine Repair Essentials	16 Credits Marine Repair Technician		



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<b>SECOND 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>SECOND TERM TOTAL</b>	28 hours per week			<b>14 Credits</b> Marine Repair Technician		
<b>THIRD TERM (SPRING)</b>							
31461317	Marine Engine Systems Prerequisite: 31461314 Outboard Motors	10 hours per week	5 credits		Marine Repair Technician		
31461321	Introduction to Can-Bus Systems Prerequisite: 31461314 Outboard Motors	4 hours per week	2 credits		Marine Repair Technician		
31461326	Marine Engine Computer Control Systems Prerequisite: 31461314 Outboard Motors	8 hours per week	4 credits		Marine Repair Technician		
	<b>THIRD TERM TOTAL</b>	22 hours per week			<b>11 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

All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better. Revised 7/27/2020