

**STUDENTS ENTERING IN 2021  
MARINE ENGINEERING TECHNOLOGY MAJOR  
DIVISIONS 1&2  
CURRICULUM**

**REVISED 3/24/22**  
**Subject to Change**

**Total Units: 158**

<u>FALL 2021</u>	<u>SPRING 2022</u>	<u>SUMMER CRUISE 2022</u>	
CHE 110 General Chemistry (Area B1)	3.0 American Institutions I Elective (Area D-Lower Div) or (Area F)	3.0 CRU 150 Sea Training I▶	8.0
CHE 110L General Chemistry Lab (Area B3)	1.0 Humanities Elective (Area C2-Lower Div)	3.0 EPO 220 Diesel Engineering I*	2.0
ENG 100 Engineering Graphics▶	2.0 DL 105 Marine Survival▶		<b>Total 10.0</b>
EPO 110 Plant Operations I▶	1.0 DL 105L Marine Survival Lab▶		
EPO 125 Introduction to Marine Engineering*	3.0 DL 105X USCG Lifeboatman's Exam		
EPO 125L Introduction to Marine Engineering Lab*	1.0 EGL 100 English Composition (Area A2) "G4"		
EPO 213 Welding Lab▶	1.0 FF 100 Basic Marine Firefighting▶		
ET 110 Introduction to Engineering Technology*	1.0 LIB 100 Info Fluency in the Digital World		
PE 101 Swim Competency Exam	0.0 MTH 210 Calculus I (Area B4)		
PE 102 Beginning/Intermediate Swimming	(0.5) NAU 104 Shipboard Security and Responsibility▶		
<b>Total 13.0</b>	<b>Total 18.0</b>		
 <u>FALL 2022</u>	 <u>SPRING 2023</u>	 <u>SUMMER CRUISE 2023</u>	
COM 220L Programming Applications for ET Majors Lab	1.0 EGL 110 Speech Communication (Area A1) "G4"	3.0 CRU 250 Sea Training II	8.0
EGL 220 Critical Thinking	3.0 EPO 235 Steam Plant Watch Team Management▶*		<b>Total 8.0</b>
[Critical Thinking Elective] (Area A3) "G4"	EPO 312 Turbines▶*		
EPO 210 Plant Operations II▶	1.0 ET 230 Properties of Materials*		
EPO 214 Boilers▶*	3.0 ET 232 Statics*		
EPO 215 Manufacturing Processes I▶	1.0 PHY 205 Engineering Physics II (Area B1)		
EPO 230 Steam Plant System Operations▶*			
MTH 211 Calculus II (Area B4)			
PHY 200 Engineering Physics I (Area B1)			
PHY 200L Engineering Physics I Lab (Area B3)			
<b>Total 18.0</b>	<b>Total 16.0</b>		
 <u>FALL 2023</u>	 <u>SPRING 2024</u>	 <u>SUMMER CRUISE 2024</u>	
Humanities Elective (Area C-Upper Div)	3.0 EGL 300 Advanced Writing	(3.0) CRU 350 Sea Training III▶	8.0
ET 230L Properties of Materials Lab*	1.0 EPO 310 Plant Operations III▶		<b>Total 8.0</b>
ET 250 Electrical Circuits*	3.0 EPO 315 Manufacturing Processes II		
ET 250L Electrical Circuits Lab▶*	1.0 EPO 322 Diesel Engineering II/Simulator*		
ET 330 Dynamics*	3.0 EPO 322L Diesel Engineering II/Simulator Lab▶*		
ET 332 Strength of Materials*	3.0 ET 340 Fluid Mechanics*		
ET 344 Thermodynamics*	3.0 ET 340L Fluid Mechanics Lab*		
<b>Total 17.0</b>	ET 342 Refrigeration and Air Conditioning*		
	ET 342L Refrigeration and Air Conditioning Lab▶*		
	ET 370 Electronics▶*		
	ET 370L Electronics Lab*		
	FF 300 Advanced Marine Firefighting▶		
	<b>Total 15.0</b>		
 <u>FALL 2024</u>	 <u>SPRING 2025</u>		
ENG 430 Naval Architecture▶*	3.0 Social Science Elective (Area D-Upper Div)	3.0	
ENG 470 Engineering Management*	3.0 ENG 310 Engineering Ethics (Area D-Upper Div)	3.0	
ET 350 Electrical Machinery*	3.0 EPO 217 Shipboard Medical▶	1.0	
ET 350L Electrical Machinery Lab▶*	1.0 ET 460 Automation*	3.0	
ET 400 Instrumentation and Measurement*	3.0 ET 460L Automation Lab▶*	1.0	
ET 400L Instrumentation and Measurement Lab*	1.0 ET 490 Power Engineering Technology*	3.0	
GOV 200 American Government	3.0 ET 490L Power Engineering Technology Lab*	1.0	
[American Institutions II Elective] (Area D-Lower Div)			
<b>Total 17.0</b>	<b>Total 15.0</b>		

**THIRD ASSISTANT ENGINEER'S/OICEW LICENSE  
REQUIRED FOR GRADUATION**

CSU Writing Proficiency Requirements may be met by passing the Graduate Writing Exam (GWE) or passing EGL 300 Advanced Writing.

"G4" "Golden 4" Courses (Must receive a "C-" or higher)  
▶ STCW Courses (Must receive a "C-" or higher, or "CR")  
\* Courses in Major (CGPA = 2.0 is required)