

**STUDENTS ENTERING IN 2018
MARINE ENGINEERING TECHNOLOGY MAJOR
DIVISIONS 1&2
CURRICULUM**

REVISED 3/24/22
Subject to Change

Total Units: 159

<u>FALL 2018</u>		<u>SPRING 2019</u>		<u>SUMMER CRUISE 2019</u>		
CHE 110	General Chemistry (Area B1)	3.0	American Institutions I Elective (Area D-Lower Div)	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▶	1.0	Total 10.0	
EPO 110	Plant Operations I▶	1.0	DL 105L Marine Survival Lab▶	1.0		
EPO 125	Introduction to Marine Engineering*	3.0	DL 105X USCG Lifeboatman's Exam	0.0		
EPO 125L	Introduction to Marine Engineering Lab*	1.0	EGL 100 English Composition (Area A2)	3.0		
EPO 213	Welding Lab▶	1.0	LIB 100 Information Fluency in the Digital World	2.0		
ET 110	Introduction to Engineering Technology*	1.0	MTH 210 Calculus I (Area B4)	4.0		
MTH 100	College Algebra and Trigonometry (Area B4)	4.0	NAU 104 Shipboard Security and Responsibility▶	1.0		
PE 101	Swim Competency Exam	0.0	Total 18.0			
PE 102	Beginning/Intermediate Swimming	(0.5)				
Total 17.0						
<u>FALL 2019</u>		<u>SPRING 2020</u>		<u>SUMMER CRUISE 2020</u>		
COM 220L	Programming Apps for ET Majors Lab	1.0	EGL 110 Speech Communication (Area A1)	3.0	CRU 250 Sea Training II	8.0
EGL 220	Critical Thinking	3.0	EPO 235 Steam Plant Watch Team Management▶*	1.0	Total 8.0	
[Critical Thinking Elective] (Area A3)			EPO 312 Turbines▶*	3.0		
EPO 210	Plant Operations II▶	1.0	ET 230 Properties of Materials*	2.0		
EPO 214	Boilers▶*	3.0	ET 232 Statics*	3.0		
EPO 215	Manufacturing Processes I▶	1.0	PHY 205 Engineering Physics II (Area B1)	4.0		
EPO 230	Steam Plant System Operations▶*	1.0	Total 16.0			
MTH 211	Calculus II (Area B4)	4.0				
PHY 200	Engineering Physics I (Area B1)	3.0				
PHY 200L	Engineering Physics I Lab (Area B3)	1.0				
Total 18.0						
<u>FALL 2020</u>		<u>SPRING 2021</u>		<u>SUMMER CRUISE 2021</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▶	1.0	Total 8.0	
ET 250	Electrical Circuits*	3.0	EPO 315 Manufacturing Processes II	1.0		
ET 250L	Electrical Circuits Lab▶*	1.0	EPO 322 Diesel Engineering II/Simulator*	1.0		
ET 330	Dynamics*	3.0	EPO 322L Diesel Engineering II/Simulator Lab▶*	1.0		
ET 332	Strength of Materials*	3.0	ET 340 Fluid Mechanics*	3.0		
ET 344	Thermodynamics*	3.0	ET 340L Fluid Mechanics Lab*	1.0		
Total 17.0			ET 342 Refrigeration and Air Conditioning*	2.0		
			ET 342L Refrigeration and Air Conditioning Lab▶*	1.0		
			ET 370 Electronics▶*	3.0		
			ET 370L Electronics Lab*	1.0		
			FF 200 Basic/Advanced Marine Firefighting▶	0.0		
Total 15.0						
<u>FALL 2021</u>		<u>SPRING 2022</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)			Total 15.0			
Total 17.0						

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

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

▶ STCW Courses (Must receive a "C-" or higher, or "CR")

* Courses in Major (CGPA = 2.0 is required)