STUDENTS ENTERING IN 2020
MARINE ENGINEERING TECHNOLOGY MAJOR
DIVISIONS 1&2
CURRICULUM

REVISED 3/24/22
Subject to Change

Total Units: 159

FALL 2020

CHE	110	General Chemistry (Area B1)	3.0
CHE	110L	General Chemistry Lab (Area B3)	1.0
ENG	100	Engineering Graphics▶	2.0
EPO	110	Plant Operations I▶	1.0
EPO	125	Introduction to Marine Engineering✹	3.0
EPO	125L	Introduction to Marine Engineering Lab✹	1.0
EPO	213	Welding Lab▶	1.0
ET	110	Introduction to Engineering Technology✹	1.0
MTH	100	College Algebra and Trigonometry (Area B4) **"G4"**	4.0
PE	101	Swim Competency Exam	0.0
PE	102	Beginning/Intermediate Swimming	(0.5)
		Total	**17.0**

SPRING 2021

		American Institutions I Elective (Area D-Lower Div)	3.0
		Humanities Elective (Area C2-Lower Div)	3.0
DL	105	Marine Survival	1.0
DL	105L	Marine Survival Lab▶	1.0
DL	105X	USCG Lifeboatman's Exam	0.0
EGL	100	English Composition (Area A2) **"G4"**	3.0
FF	200	Basic/Advanced Marine Firefighting▶	0.0
LIB	100	Info Fluency in the Digital World	2.0
MTH	210	Calculus I (Area B4)	4.0
NAU	104	Shipboard Security and Responsibility▶	1.0
		Total	**18.0**

SUMMER CRUISE 2021

CRU 150 Sea Training I▶		8.0
EPO 220 Diesel Engineering I✹		2.0
	Total	**10.0**

FALL 2021

COM	220L	Programming Applications for ET Majors Lab	1.0
EGL	220	Critical Thinking	3.0
		[Critical Thinking Elective] (Area A3) **"G4"**	
EPO	210	Plant Operations II▶	1.0
EPO	214	Boilers▶✹	3.0
EPO	215	Manufacturing Processes I▶	1.0
EPO	230	Steam Plant System Operations▶✹	1.0
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**

SPRING 2022

EGL	110	Speech Communication (Area A1) **"G4"**	3.0
EPO	235	Steam Plant Watch Team Management▶✹	1.0
EPO	312	Turbines▶✹	3.0
ET	230	Properties of Materials✹	2.0
ET	232	Statics✹	3.0
PHY	205	Engineering Physics II (Area B1)	4.0
		Total	**16.0**

SUMMER CRUISE 2022

CRU 250 Sea Training II		8.0
	Total	**8.0**

FALL 2022

		Humanities Elective (Area C-Upper Div)	3.0
ET	230L	Properties of Materials Lab✹	1.0
ET	250	Electrical Circuits✹	3.0
ET	250L	Electrical Circuits Lab▶✹	1.0
ET	330	Dynamics✹	3.0
ET	332	Strength of Materials✹	3.0
ET	344	Thermodynamics✹	3.0
		Total	**17.0**

SPRING 2023

EGL	300	Advanced Writing	(3.0)
EPO	310	Plant Operations III▶	1.0
EPO	315	Manufacturing Processes II	1.0
EPO	322	Diesel Engineering II/Simulator✹	1.0
EPO	322L	Diesel Engineering II/Simulator Lab▶✹	1.0
ET	340	Fluid Mechanics✹	3.0
ET	340L	Fluid Mechanics Lab✹	1.0
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
		Total	**15.0**

SUMMER CRUISE 2023

CRU 350 Sea Training III▶		8.0
	Total	**8.0**

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.

"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)

FALL 2023

ENG	430	Naval Architecture▶✹	3.0
ENG	470	Engineering Management✹	3.0
ET	350	Electrical Machinery✹	3.0
ET	350L	Electrical Machinery Lab▶✹	1.0
ET	400	Instrumentation and Measurement✹	3.0
ET	400L	Instrumentation and Measurement Lab✹	1.0
GOV	200	American Government	3.0
		[American Institutions II Elective] (Area D-Lower Div)	
		Total	**17.0**

SPRING 2024

		Social Science Elective (Area D-Upper Div)	3.0
ENG	310	Engineering Ethics (Area D-Upper Div)	3.0
EPO	217	Shipboard Medical▶	1.0
ET	460	Automation✹	3.0
ET	460L	Automation Lab▶✹	1.0
ET	490	Power Engineering Technology✹	3.0
ET	490L	Power Engineering Technology Lab✹	1.0
		Total	**15.0**