STUDENTS ENTERING IN 2019
MARINE ENGINEERING TECHNOLOGY MAJOR
DIVISIONS 1&2
CURRICULUM

REVISED 1/15/21
Subject to Change

Total Units: 159

FALL 2019

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 & Trigonometry (Area B4) **"G4"**	4.0
PE	101	Swim Competency Exam	0.0
PE	102	Beginning/Intermediate Swimming	(0.5)
		Total 17.0	

SPRING 2020

		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	Information Fluency in the Digital World (Area E)	2.0
MTH	210	Calculus I (Area B4)	4.0
NAU	104	Shipboard Security and Responsibility▶	1.0
		Total 18.0	

SUMMER CRUISE 2020

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

FALL 2020

COM	220L	Programming Apps 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 2021

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 2021

CRU	250	Sea Training II	8.0
		Total 8.0

FALL 2021

		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 2022

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 2022

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 2022

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 2023

		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	