

**STUDENTS ENTERING IN 2019
MARINE ENGINEERING TECHNOLOGY MAJOR
DIVISIONS 3&4
CURRICULUM**

REVISED 1/15/21
Subject to Change



Total Units: 159

FALL 2019

American Institutions I Elective (Area D-Lower Div)	3.0
Humanities Elective (Area C2-Lower Div)	3.0
CHE 110 General Chemistry (Area B1)	3.0
CHE 110L General Chemistry Lab (Area B3)	1.0
ENG 100 Engineering Graphics▶	2.0
ET 110 Introduction to Engineering Technology*	1.0
FF 200 Basic/Advanced Marine Firefighting▶	0.0
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

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
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
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	

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	

**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)