

**STUDENTS ENTERING IN 2020
MARINE ENGINEERING TECHNOLOGY MAJOR
DIVISIONS 3&4
CURRICULUM**

REVISED 1/15/21
Subject to Change

Total Units: 159

FALL 2020

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

SPRING 2021

DL 105 Marine Survival▶ 3.0
DL 105L Marine Survival Lab▶ 3.0
DL 105X USCG Lifeboatman's Exam 3.0
EGL 100 English Composition (Area A2) "G4" 1.0
EPO 110 Plant Operations I▶ 2.0
EPO 125 Introduction to Marine Engineering* 1.0
EPO 125L Introduction to Marine Engineering Lab* 0.0
EPO 213 Welding Lab▶ 4.0
LIB 100 Info Fluency in the Digital World (Area E) 0.0
MTH 210 Calculus I (Area B4) (0.5)
NAU 104 Shipboard Security and Responsibility▶ 1.0

SUMMER CRUISE 2021

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

Total 10.0

Total 18.0

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

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

SUMMER CRUISE 2022

CRU 250 Sea Training II 8.0

Total 8.0

Total 16.0

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

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

SUMMER CRUISE 2023

CRU 350 Sea Training III▶ 8.0

Total 8.0

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.

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)

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▶ 3.0
ET 460 Automation* 1.0
ET 460L Automation Lab▶* 3.0
ET 490 Power Engineering Technology* 1.0
ET 490L Power Engineering Technology Lab* 3.0

"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)

Total 15.0

Total 17.0