## Writing Proficiency Requirement

All Junior students must demonstrate upper division writing competency as a graduation requirement. This may be fulfilled by passing either the Graduation Writing Exam or EGL 300 Advanced Writing.

### FALL 2015
- CHE 110 General Chemistry: 3.0
- CHE 110L General Chemistry Lab: 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
- ET 213 Welding Lab: 1.0
- ET 110 Introduction to Engineering Technology: 1.0
- MTH 100 College Algebra and Trigonometry: 1.0
- PE 101 Swim Competency Exam: 0.0
- PE 102 Beginning/Intermediate Swimming: 1.0

### SPRING 2016
- DL 105 Marine Survival: 1.0
- DL 105L Marine Survival Lab: 1.0
- DL 105X USCG Lifeboatman’s Exam: 0.0
- ELE 100 English Composition: 3.0
- ELEC 8 American Institutions Elective: 3.0
- ELEC 21 Humanities Elective (Lower Division): 3.0
- LIB 100 Information Fluency in the Digital World: 2.0
- MTH 210 Calculus I: 4.0
- NAU 104 VPDS'D: 1.0

### FALL 2016
- COM 220L Programming Applications for Engr. Tech Majors Lab: 1.0
- ELEC 20 Critical Thinking Elective: 3.0
- EPO 210 Plant Operations II: 1.0
- EPO 214 Boilers: 3.0
- EPO 215 Manufacturing Processes I: 1.0
- EPO 220 Steam Plant System Operations: 1.0
- ET 210 Introduction to Engineering Technology: 1.0
- MTH 211 Calculus II: 4.0
- PHY 200 Engineering Physics I: 3.0
- PHY 200L Engineering Physics I Lab: 1.0

### SPRING 2017
- EGL 110 Speech Communication: 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
- ET 234 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
- FF 200 Basic/Advanced Marine Firefighting: 0.0

### FALL 2017
- ELEC 22 Humanities Elective (Upper Division): 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
- ET 346L Refrigeration and Air Conditioning Lab: 1.0
- ET 370L Electronics: 1.0
- FF 200 Basic/Advanced Marine Firefighting: 0.0

### SPRING 2018
- EGL 300 Advanced Writing: (3.0)
- EPO 310 Plant Operations III: 1.0
- EPO 315 Manufacturing Processes II: 1.0
- EPO 322L Diesel Engineering II/Simulator: 1.0
- EPO 322L Diesel Engineering II/Simulator Lab: 1.0
- EPO 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
- FF 200 Basic/Advanced Marine Firefighting: 0.0

### FALL 2018
- ELEC 9 American Institutions Elective: 3.0
- ELEC 439 Naval Architecture: 3.0
- ENG 470 Engineering Management: 3.0
- ET 350L Electrical Machinery Lab: 1.0
- ET 400 Instrumentation and Measurement: 3.0
- ET 400L Instrumentation and Measurement Lab: 1.0

### SPRING 2019
- ELEC 32 Social Science Elective (Upper Division): 3.0
- ELEC 32L Social Science Elective (Upper Division): 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
- HUM 310 Engineering Ethics: 3.0

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**Third Assistant Engineer’s/OICEW License Required For Graduation**

**CLASS OF 2019**
**MARINE ENGINEERING TECHNOLOGY MAJOR**
**DIVISIONS 3&4**
**CURRICULUM**
**Total Units: 159**

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