

**CLASS OF 2013
MARINE ENGINEERING TECHNOLOGY MAJOR
BLUE COMPANY
CURRICULUM**

**REVISED 5/26/09
Subject to Change**

Total Units: 161

Third Assistant Engineer's/OICEW License Required For Graduation

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.

<p><u>FALL 2009</u></p> <p>CHE 100 Chemistry I 3.0</p> <p>CHE 100L Chemistry I Lab 1.0</p> <p>ELEC 8 American Institutions Elective 3.0</p> <p>ELEC 21 Humanities Elective (Lower Division) 3.0</p> <p>ENG 100 Engineering Graphics▶ 2.0</p> <p>ET 110 Introduction to Engineering Technology* 1.0</p> <p>MTH 100 College Algebra and Trigonometry 4.0</p> <p>PE 100 Beginning/Intermediate Swimming (.5)</p> <p style="text-align: right;">Total 17.0</p>	<p><u>SPRING 2010</u></p> <p>DL 105 Marine Survival▶ 1.0</p> <p>DL 105L Marine Survival Lab▶ 1.0</p> <p>DL 105X USCG Lifeboatman's Exam 0.0</p> <p>EGL 100 English Composition 3.0</p> <p>EPO 110 Plant Operations I▶ 1.0</p> <p>EPO 125 Introduction to Marine Engineering* 3.0</p> <p>EPO 213 Welding Lab▶ 1.0</p> <p>LIB 100 Information Fluency in the Digital World 2.0</p> <p>MTH 210 Calculus I 4.0</p> <p style="text-align: right;">Total 16.0</p>	<p><u>SPRING CRUISE 2010</u></p> <p>CRU 150 Sea Training I▶ 8.0</p> <p>EPO 220 Diesel Engineering I* 2.0</p> <p style="text-align: right;">Total 10.0</p>
<p><u>FALL 2010</u></p> <p>COM 220 Programming Applications for Engr. Tech Majors 1.0</p> <p>COM 220L Programming Applications for Engr. Tech Majors Lab 1.0</p> <p>ELEC 20 Critical Thinking Elective 3.0</p> <p>EPO 210 Plant Operations II▶ 1.0</p> <p>EPO 214 Boilers* 3.0</p> <p>EPO 215 Manufacturing Processes I▶ 1.0</p> <p>EPO 230 Steam Plant System Operations▶* 1.0</p> <p>MTH 211 Calculus II 4.0</p> <p>PHY 200 Engineering Physics I 3.0</p> <p>PHY 200L Engineering Physics I Lab 1.0</p> <p style="text-align: right;">Total 19.0</p>	<p><u>SPRING 2011</u></p> <p>EGL 110 Speech Communication▶ 3.0</p> <p>EPO 235 Steam Plant Watch Team Management▶* 1.0</p> <p>EPO 312 Turbines* 3.0</p> <p>ET 232 Statics* 3.0</p> <p>NSC 100 Naval Science for the MMO 3.0</p> <p>PHY 205 Engineering Physics II 4.0</p> <p style="text-align: right;">Total 17.0</p>	<p><u>SPRING CRUISE 2011</u></p> <p>CRU 250 Sea Training II 8.0</p> <p style="text-align: right;">Total 8.0</p>
<p><u>FALL 2011</u></p> <p>ELEC 22 Humanities Elective (Upper Division) 3.0</p> <p>ET 230 Properties of Materials* 2.0</p> <p>ET 230L Properties of Materials Lab▶* 1.0</p> <p>ET 250 Electrical Circuits* 3.0</p> <p>ET 250L Electrical Circuits Lab▶* 1.0</p> <p>ET 330 Dynamics* 3.0</p> <p>ET 344 Thermodynamics* 3.0</p> <p>FF 200 Basic/Advanced Marine Firefighting▶ 0.0</p> <p style="text-align: right;">Total 16.0</p>	<p><u>SPRING 2012</u></p> <p>EGL 300 Advanced Writing▶ (3.0)</p> <p>EPO 310 Plant Operations III 1.0</p> <p>EPO 315 Manufacturing Processes II▶ 1.0</p> <p>EPO 322 Diesel Engineering II/Simulator* 1.0</p> <p>EPO 322L Diesel Engineering II/Simulator Lab▶* 1.0</p> <p>ET 332 Strength of Materials* 3.0</p> <p>ET 340 Fluid Mechanics* 3.0</p> <p>ET 340L Fluid Mechanics Lab* 1.0</p> <p>ET 342 Refrigeration and Air Conditioning* 2.0</p> <p>ET 342L Refrigeration and Air Conditioning Lab* 1.0</p> <p>ET 370 Electronics* 3.0</p> <p>ET 370L Electronics Lab* 1.0</p> <p style="text-align: right;">Total 18.0</p>	<p><u>SPRING CRUISE 2012</u></p> <p>CRU 350 Sea Training III▶ 8.0</p> <p style="text-align: right;">Total 8.0</p>
<p><u>FALL 2012</u></p> <p>ELEC 9 American Institutions Elective 3.0</p> <p>ENG 430 Naval Architecture▶* 3.0</p> <p>ENG 470 Engineering Management* 3.0</p> <p>ET 350 Electrical Machinery* 3.0</p> <p>ET 350L Electrical Machinery Lab▶* 1.0</p> <p>ET 400 Instrumentation and Measurement* 3.0</p> <p>ET 400L Instrumentation and Measurement Lab* 1.0</p> <p style="text-align: right;">Total 17.0</p>	<p><u>SPRING 2013</u></p> <p>ELEC 32 Social Science Elective (Upper Division) 3.0</p> <p>EPO 217 Shipboard Medical▶ 1.0</p> <p>ET 460 Automation* 3.0</p> <p>ET 460L Automation Lab* 1.0</p> <p>ET 490 Power Engineering Technology* 3.0</p> <p>ET 490L Power Engineering Technology Lab* 1.0</p> <p>HUM 310 Engineering Ethics 3.0</p> <p style="text-align: right;">Total 15.0</p>	<p>▶ STCW Courses (Must receive a "C-" or better, or "CR")</p> <p>* Courses in Major (CGPA = 2.0 is Required)</p> <p>▣ FF 200 Basic/Advanced Marine Firefighting is also offered Spring 2012</p>