CLASS OF 2016 MARINE ENGINEERING TECHNOLOGY MAJOR DIVISIONS 1&2 CURRICULUM

REVISED 5/14/13
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.

FALL 2012 CHE 100 Chemistry I CHE 100LChemistry I Lab ELEC 8 American Institutions Elective ELEC 21 Humanities Elective (Lower Division) ENG 100 Engineering Graphics▶ ET 110 Introduction to Engineering Technology MTH 100 College Algebra and Trigonometry PE 100 Beginning/Intermediate Swimming	3.0 1.0 3.0 3.0 2.0 1.0 4.0 (.5) Total 17.0	SPRING 2013 DL 105 Marine Survival DL 105L Marine Survival Lab DL 105X USCG Lifeboatman's Exam EGL 100 English Composition EPO 110 Plant Operations I EPO 125 Introduction to Marine Engineering EPO 125L Introduction to Marine Engineering Lab EPO 213 Welding Lab LIB 100 Information Fluency in the Digital World MTH 210 Calculus I	1.0 1.0 0.0 3.0 1.0 3.0 1.0 2.0 4.0	SPRING CRUISE 2013 CRU 150 Sea Training I▶ 8.0 EPO 220 Diesel Engineering I♣ 2.0 Total 10.0
FALL 2013 COM 220L Programming Applications for Engr. Tech Majors Lab ELEC 20 Critical Thinking Elective EPO 210 Plant Operations II▶ EPO 214 Boilers▶ EPO 215 Manufacturing Processes I▶ EPO 230 Steam Plant System Operations▶ MTH 211 Calculus II PHY 200 Engineering Physics I PHY 200LEngineering Physics I Lab	1.0 3.0 1.0 3.0 1.0 4.0 3.0 1.0 Total 18.0	SPRING 2014EGL110Speech CommunicationEPO235Steam Plant Watch Team Management▶*EPO312Turbines▶*ET230Properties of Materials*ET232Statics*NSC100Naval Science for the MMOPHY205Engineering Physics II	3.0 1.0 3.0 2.0 3.0 3.0 4.0 Total 19.0	SPRING CRUISE 2014 CRU 250 Sea Training II 8.0 Total 8.0
FALL 2014 ELEC 22 Humanities Elective (Upper Division) ET 230L Properties of Materials Lab ET 250 Electrical Circuits ET 250L Electrical Circuits Lab ET 330 Dynamics ET 332 Strength of Materials ET 344 Thermodynamics FF 200 Basic/Advanced Marine Firefighting ■	3.0 1.0 3.0 1.0 3.0 3.0 3.0 0.0 Total 17.0	SPRING 2015 EGL 300 Advanced Writing EPO 310 Plant Operations III▶ EPO 315 Manufacturing Processes II EPO 322 Diesel Engineering II/Simulator* EPO 322L Diesel Engineering II/Simulator Lab▶* ET 340 Fluid Mechanics* ET 340L Fluid Mechanics Lab* ET 342 Refrigeration and Air Conditioning* ET 342L Refrigeration and Air Conditioning Lab▶* ET 370 Electronics▶* ET 370L Electronics Lab*	(3.0) 1.0 1.0 1.0 3.0 1.0 2.0 1.0 3.0	SPRING CRUISE 2015 CRU 350 Sea Training III▶ 8.0 Total 8.0
FALL 2015 ELEC 9 American Institutions Elective ENG 430 Naval Architecture▶ ENG 470 Engineering Management ET 350 Electrical Machinery ET 350LElectrical Machinery ET 400 Instrumentation and Measurement ET 400LInstrumentation and Measurement Lab #### American Institutions Elective ####################################	3.0 3.0 3.0 3.0 1.0 3.0 1.0 Total 17.0	SPRING 2016 ELEC 32 Social Science Elective (Upper Division) EPO 217 Shipboard Medical ET 460 Automation ★ ET 460L Automation Lab ET 490 Power Engineering Technology ET 490L Power Engineering Technology Lab HUM 310 Engineering Ethics	3.0 1.0 3.0 1.0 3.0 1.0 3.0 1.0 3.0 Total 15.0	 STCW Courses (Must receive a "C-" or higher, or "CR") Courses in Major (CGPA = 2.0 is required)