CLASS OF 2013
MARINE ENGINEERING TECHNOLOGY MAJOR
DIVISIONS 1&2
CURRICULUM

REVISED 3/9/12
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 2009

CHE	100	Chemistry I	3.0
CHE	100L	Chemistry I Lab	1.0
ELEC	8	American Institutions Elective	3.0
ELEC	21	Humanities Elective (Lower Division)	3.0
ENG	100	Engineering Graphics▶	2.0
ET	110	Introduction to Engineering Technology❋	1.0
MTH	100	College Algebra and Trigonometry	4.0
PE	100	Beginning/Intermediate Swimming	(.5)
		Total	**17.0**

SPRING 2010

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	3.0
EPO	110	Plant Operations I▶	1.0
EPO	125	Introduction to Marine Engineering❋	3.0
EPO	213	Welding Lab▶	1.0
LIB	100	Information Fluency in the Digital World	2.0
MTH	210	Calculus I	4.0
		Total	**16.0**

SPRING CRUISE 2010

CRU	150 Sea Training I▶	8.0
EPO	220 Diesel Engineering I❋	2.0
	Total	**10.0**

FALL 2010

COM	220	Programming Applications for Engr. Tech Majors	1.0
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	230	Steam Plant System Operations▶❋	1.0
MTH	211	Calculus II	4.0
PHY	200	Engineering Physics I	3.0
PHY	200L	Engineering Physics I Lab	1.0
		Total	**19.0**

SPRING 2011

EGL	110	Speech Communication▶	3.0
EPO	235	Steam Plant Watch Team Management▶❋	1.0
EPO	312	Turbines❋	3.0
ET	232	Statics❋	3.0
NSC	100	Naval Science for the MMO	3.0
PHY	205	Engineering Physics II	4.0
		Total	**17.0**

SPRING CRUISE 2011

CRU	250 Sea Training II	8.0
	Total	**8.0**

FALL 2011

ELEC	22	Humanities Elective (Upper Division)	3.0
ET	230	Properties of Materials❋	2.0
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	344	Thermodynamics❋	3.0
FF	200	Basic/Advanced Marine Firefighting◘▶	0.0
		Total	**16.0**

SPRING 2012

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	332	Strength of Materials❋	3.0
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
FF	200	Basic/Advanced Marine Firefighting◘▶	0.0
		Total	**18.0**

SPRING CRUISE 2012

CRU	350 Sea Training III▶	8.0
	Total	**8.0**

FALL 2012

ELEC	9	American Institutions Elective	3.0
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
		Total	**17.0**

SPRING 2013

ELEC	32	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
		Total	**15.0**

▶ **STCW Courses (Must receive a "C-" or higher, or "CR")**

❋ **Courses in Major (CGPA = 2.0 is required)**

◘ **FF 200 Basic/Advanced Marine Firefighting is offered Fall 2011 and Spring 2012**