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

REVISED 1/10/14
Subject to Change

Total Units: 158

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	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 2013

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	125L	Introduction to Marine Engineering Lab✱	1.0
EPO	213	Welding Lab▶	1.0
LIB	100	Information Fluency in the Digital World	2.0
MTH	210	Calculus I	4.0
		Total	**17.0**

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	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	**18.0**

SPRING 2014

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
~~NSC~~	~~100~~	~~Naval Science for the MMO~~	~~3.0~~
PHY	205	Engineering Physics II	4.0
		Total	**16.0**

SPRING CRUISE 2014

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

FALL 2014

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
FF	200	Basic/Advanced Marine Firefighting▶	0.0
		Total	**17.0**

SPRING 2015

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
		Total	**15.0**

SPRING CRUISE 2015

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

FALL 2015

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 2016

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)**