CLASS OF 2016
FACILITIES ENGINEERING TECHNOLOGY MAJOR
DIVISIONS 3&4
CURRICULUM

REVISED 3/14/14
Subject to Change

Total Units: 153

Certified Plant Engineer-In Training Certificate 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
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
EPO	213	Welding Lab	1.0
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
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
		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

CHE	205	Chemistry of Plant Processes❋	3.0
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
PHY	205	Engineering Physics II	4.0
		Total	**19.0**

SPRING CO-OP 2014

CEP 270	FET Co-Op I	3.0
	Total	**3.0**

FALL 2014

ELEC	22	Humanities Elective (Upper Division)	3.0
EPO	319	Facilities Engineering Diagnostics Lab❋	1.0
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
		Total	**18.0**

SPRING 2015

EGL	300	Advanced Writing	(3.0)
EPO	310	Plant Operations III	1.0
EPO	315	Manufacturing Processes II	1.0
EPO	321	Introduction to Power Generation Plants❋	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	**14.0**

SUMMER CO-OP 2015

CEP 370	FET Co-Op II	3.0
	Total	**3.0**

FALL 2015

ELEC	9	American Institutions Elective	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
ET	442	Heating, Ventilation, and A/C❋	2.0
ET	442L	Heating, Ventilation, and A/C Lab❋	1.0
		Total	**17.0**

SPRING 2016

ELEC	32	Social Science Elective (Upper Division)	3.0
ENG	472	Facilities Management❋	3.0
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	**17.0**

❋ Courses in Major
(CGPA = 2.0 is required)