CLASS OF 2015
FACILITIES ENGINEERING TECHNOLOGY MAJOR
DIVISIONS 1&2
CURRICULUM

REVISED 11/2/12
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 2011

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 2012

CHE	205	Chemistry of Plant Processes❋	3.0
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
MTH	210	Calculus I	4.0
		Total	**17.0**

SPRING CRUISE 2012

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

FALL 2012

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 2013

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
LIB	100	Information Fluency in the Digital World	2.0
PHY	205	Engineering Physics II	4.0
		Total	**18.0**

SPRING CO-OP 2013

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

FALL 2013

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 2014

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**

SPRING CO-OP 2014

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

FALL 2014

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 2015

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)