CLASS OF 2018
FACILITIES ENGINEERING TECHNOLOGY MAJOR
DIVISIONS 3&4
CURRICULUM

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 2014

CHE	110	General Chemistry	3.0
CHE	110L	General Chemistry 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 2015

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**

SUMMER CRUISE 2015

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

FALL 2015

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 2016

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**

SUMMER CO-OP 2016

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

FALL 2016

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 2017

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 2017

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

FALL 2017

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 2018

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)