REVISED 11/2/12 Subject to Change

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

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 CHE 100L Chemistry I Lab ELEC 8 American Institutions Elective ELEC 21 Humanities Elective (Lower Division) ENG 100 Engineering Graphics ET 110 Introduction to Engineering Technology MTH 100 College Algebra and Trigonometry PE 100 Beginning/Intermediate Swimming	3.0 1.0 3.0 3.0 2.0 1.0 4.0 (.5)	CHE DL DL EGL EPO EPO	105 M: 105L M: 105X US 100 En 110 Pla 125 Int	nemistry of Plant Processes arine Survival arine Survival Lab SCG Lifeboatman's Exam nglish Composition ant Operations I troduction to Marine Engineering (elding Lab	3.0 1.0 1.0 0.0 3.0 1.0 3.0 1.0	SPRING CRUISE 2012 CRU 150 Sea Training I EPO 220 Diesel Engineering I	8.0 2.0 Total 10.0
	10tai 17.0	MIII	1 210 Ca	aiculus 1	Total 17.0		
FALL 2012 COM 220 Programming Applications for Engr. Tech Majors	1.0		ING 2013	peech Communication	3.0	SPRING CO-OP 2013 CEP 270 FET Co-Op I	3.0
COM 220L Programming Applications for Engr. Tech Majors Lab	1.0			eam Plant Watch Team Management*	1.0	CLI 270121 CO OP I	Total 3.0
ELEC 20 Critical Thinking Elective	3.0		312 Tu		3.0		
EPO 210 Plant Operations II	1.0	ET		operties of Materials	2.0		
EPO 214 Boilers	3.0	ET	232 Sta		3.0		
EPO 215 Manufacturing Processes I EPO 230 Steam Plant System Operations	1.0	LIB		formation Fluency in the Digital World agineering Physics II	2.0 4.0		
MTH 211 Calculus II	1.0 4.0	РПІ	203 EII	igineering Physics II	Total 18.0		
PHY 200 Engineering Physics I	3.0				10111 10.0		
PHY 200L Engineering Physics I Lab	1.0						
	Total 19.0						
FALL 2013		SPRI	ING 2014	l .		SPRING CO-OP 2014	
FALL 2013			1110 2017				
ELEC 22 Humanities Elective (Upper Division)	3.0			dvanced Writing	(3.0)	CEP 370 FET Co-Op II	3.0
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab*	3.0 1.0	EGL EPO	300 Ac 310 Pla	dvanced Writing ant Operations III	1.0	CEP 370 FET Co-Op II	3.0 Total 3.0
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab* ET 230L Properties of Materials Lab*	1.0 1.0	EGL EPO EPO	300 Ac 310 Pla 315 Ma	dvanced Writing ant Operations III anufacturing Processes II	1.0 1.0	CEP 370 FET Co-Op II	
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab ET 230L Properties of Materials Lab ET 250 Electrical Circuits ■	1.0 1.0 3.0	EGL EPO EPO EPO	300 Ac 310 Pla 315 Ma 321 Int	dvanced Writing ant Operations III anufacturing Processes II troduction to Power Generation Plants	1.0 1.0 1.0	CEP 370 FET Co-Op II	
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab ET 230L Properties of Materials Lab ET 250 Electrical Circuits ET 250L Electrical Circuits	1.0 1.0 3.0 1.0	EGL EPO EPO EPO ET	300 Ac 310 Pla 315 Ma 321 Int 340 Flu	dvanced Writing ant Operations III anufacturing Processes II troduction to Power Generation Plants uid Mechanics	1.0 1.0 1.0 3.0	CEP 370 FET Co-Op II	
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab ET 230L Properties of Materials Lab ET 250 Electrical Circuits ET 250L Electrical Circuits Lab ET 330 Dynamics	1.0 1.0 3.0 1.0 3.0	EGL EPO EPO EPO ET ET	300 Ac 310 Pla 315 Ma 321 Int 340 Fla 340L Fla	dvanced Writing ant Operations III anufacturing Processes II troduction to Power Generation Plants uid Mechanics uid Mechanics	1.0 1.0 1.0 3.0 1.0	CEP 370 FET Co-Op II	
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab ET 230L Properties of Materials Lab ET 250 Electrical Circuits ET 250L Electrical Circuits Lab ET 330 Dynamics ET 332 Strength of Materials	1.0 1.0 3.0 1.0 3.0 3.0	EGL EPO EPO EPO ET ET	300 Ac 310 Pla 315 M: 321 Int 340 Fla 340L Fla 342 Re	dvanced Writing ant Operations III anufacturing Processes II troduction to Power Generation Plants uid Mechanics uid Mechanics tud Mechanics Lab	1.0 1.0 1.0 3.0 1.0 2.0	CEP 370 FET Co-Op II	
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab ET 230L Properties of Materials Lab ET 250 Electrical Circuits ET 250L Electrical Circuits Lab ET 330 Dynamics	1.0 1.0 3.0 1.0 3.0	EGL EPO EPO ET ET ET ET	300 Ac 310 Pla 315 Ma 321 Int 340 Fla 340L Fla 342 Re 342L Re	dvanced Writing ant Operations III anufacturing Processes II troduction to Power Generation Plants uid Mechanics uid Mechanics	1.0 1.0 1.0 3.0 1.0	CEP 370 FET Co-Op II	
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab ET 230L Properties of Materials Lab ET 250 Electrical Circuits ET 250L Electrical Circuits Lab ET 330 Dynamics ET 332 Strength of Materials	1.0 1.0 3.0 1.0 3.0 3.0 3.0	EGL EPO EPO ET ET ET ET	300 Ac 310 Pla 315 Ma 321 Int 340 Fla 340L Fla 342L Re 370 Ela	dvanced Writing ant Operations III anufacturing Processes II troduction to Power Generation Plants uid Mechanics uid Mechanics tab efrigeration and Air Conditioning efrigeration and Air Conditioning Lab	1.0 1.0 1.0 3.0 1.0 2.0 1.0	CEP 370 FET Co-Op II	
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab ET 230L Properties of Materials Lab ET 250 Electrical Circuits ET 250L Electrical Circuits Lab ET 330 Dynamics ET 332 Strength of Materials	1.0 1.0 3.0 1.0 3.0 3.0 3.0	EGL EPO EPO ET ET ET ET ET	300 Ac 310 Pla 315 Ma 321 Int 340 Fla 340L Fla 342L Re 370 Ela	dvanced Writing ant Operations III anufacturing Processes II troduction to Power Generation Plants uid Mechanics uid Mechanics Lab efrigeration and Air Conditioning efrigeration and Air Conditioning Lab ectronics	1.0 1.0 1.0 3.0 1.0 2.0 1.0 3.0	CEP 370 FET Co-Op II	
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab ET 230L Properties of Materials Lab ET 250 Electrical Circuits ET 250L Electrical Circuits Lab ET 330 Dynamics ET 332 Strength of Materials ET 344 Thermodynamics	1.0 1.0 3.0 1.0 3.0 3.0 3.0	EGL EPO EPO ET ET ET ET ET ET	300 Ac 310 Pla 315 Ma 321 Int 340 Fla 340L Fla 342L Re 370 Ela 370L Ela	dvanced Writing ant Operations III anufacturing Processes II troduction to Power Generation Plants uid Mechanics uid Mechanics Lab efrigeration and Air Conditioning efrigeration and Air Conditioning Lab ectronics ectronics	1.0 1.0 1.0 3.0 1.0 2.0 1.0 3.0	CEP 370 FET Co-Op II	
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab ET 230L Properties of Materials Lab ET 250 Electrical Circuits ET 250L Electrical Circuits Lab ET 330 Dynamics ET 332 Strength of Materials ET 344 Thermodynamics FALL 2014	1.0 1.0 3.0 1.0 3.0 3.0 3.0 Total 18.0	EGL EPO EPO ET	300 Ac 310 Pla 315 Ma 321 Int 340 Fla 340L Fla 342L Re 370 Ela 370L Ela	dvanced Writing ant Operations III anufacturing Processes II troduction to Power Generation Plants uid Mechanics uid Mechanics troduction and Air Conditioning efrigeration and Air Conditioning Lab ectronics ectronics ectronics tab	1.0 1.0 1.0 3.0 1.0 2.0 1.0 3.0 1.0 Total 14.0	CEP 370 FET Co-Op II	
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab ET 230L Properties of Materials Lab ET 250 Electrical Circuits ET 250L Electrical Circuits Lab ET 330 Dynamics ET 332 Strength of Materials ET 344 Thermodynamics FALL 2014 ELEC 9 American Institutions Elective	1.0 1.0 3.0 1.0 3.0 3.0 3.0 Total 18.0	EGL EPO EPO ET ET ET ET ET ET ET ET ET	300 Ac 310 Pla 315 M; 321 Int 340 Fla 340L Fla 342L Re 370 Ela 370L Ela ING 2015	dvanced Writing ant Operations III anufacturing Processes II troduction to Power Generation Plants uid Mechanics uid Mechanics troduction and Air Conditioning efrigeration and Air Conditioning Lab ectronics ectronics ectronics Lab cicial Science Elective (Upper Division)	1.0 1.0 1.0 3.0 1.0 2.0 1.0 3.0 1.0 Total 14.0	CEP 370 FET Co-Op II	
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab ET 230L Properties of Materials Lab ET 250 Electrical Circuits ET 250L Electrical Circuits Lab ET 330 Dynamics ET 332 Strength of Materials ET 344 Thermodynamics FALL 2014 ELEC 9 American Institutions Elective ENG 470 Engineering Management	1.0 1.0 3.0 1.0 3.0 3.0 3.0 Total 18.0	EGL EPO EPO ET ET ET ET ET ET ET ET ET	300 Ac 310 Pla 315 Ma 321 Int 340 Fla 340L Fla 342L Re 370 Ela 370L Ela ING 2015 C 32 So 472 Fa	dvanced Writing ant Operations III anufacturing Processes II troduction to Power Generation Plants uid Mechanics uid Mechanics troduction and Air Conditioning efrigeration and Air Conditioning Lab ectronics ectronics ectronics tab	1.0 1.0 1.0 3.0 1.0 2.0 1.0 3.0 1.0 Total 14.0		
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab ET 230L Properties of Materials Lab ET 250 Electrical Circuits ET 250L Electrical Circuits Lab ET 330 Dynamics ET 332 Strength of Materials ET 344 Thermodynamics FALL 2014 ELEC 9 American Institutions Elective ENG 470 Engineering Management	1.0 1.0 3.0 1.0 3.0 3.0 3.0 Total 18.0	EGL EPO EPO ET ET ET ET ET ET ET ET ET	300 Ac 310 Pla 315 Ma 321 Int 340 Fla 340L Fla 342L Re 370 Ela 370L Ela ING 2015 C 32 So 472 Fa 460 Ac	dvanced Writing ant Operations III anufacturing Processes II troduction to Power Generation Plants uid Mechanics uid Mechanics Lab efrigeration and Air Conditioning efrigeration and Air Conditioning Lab ectronics ectronics ectronics Lab cital Science Elective (Upper Division) acilities Management	1.0 1.0 1.0 3.0 1.0 2.0 1.0 3.0 1.0 Total 14.0	* Courses in Major	
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab ET 230L Properties of Materials Lab ET 250 Electrical Circuits ET 250L Electrical Circuits Lab ET 330 Dynamics ET 332 Strength of Materials ET 344 Thermodynamics FALL 2014 ELEC 9 American Institutions Elective ENG 470 Engineering Management ET 350 Electrical Machinery	1.0 1.0 3.0 1.0 3.0 3.0 3.0 Total 18.0	EGL EPO EPO ET	300 Ac 310 Pla 315 Ma 321 Int 340 Fla 340L Fla 342L Re 370 Ela 370L Ela ING 2015 C 32 So 472 Fa 460 Au 460L Au	dvanced Writing ant Operations III anufacturing Processes II troduction to Power Generation Plants uid Mechanics uid Mechanics Lab efrigeration and Air Conditioning efrigeration and Air Conditioning Lab ectronics ectronics Lab cital Science Elective (Upper Division) acilities Management utomation	1.0 1.0 1.0 3.0 1.0 2.0 1.0 3.0 1.0 Total 14.0		
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab ET 230L Properties of Materials Lab ET 250 Electrical Circuits ET 250L Electrical Circuits Lab ET 330 Dynamics ET 332 Strength of Materials ET 344 Thermodynamics FALL 2014 ELEC 9 American Institutions Elective ENG 470 Engineering Management ET 350 Electrical Machinery ET 350L Electrical Machinery ET 400 Instrumentation and Measurement ET 400L Instrumentation and Measurement Lab	1.0 1.0 3.0 1.0 3.0 3.0 3.0 Total 18.0 3.0 3.0 3.0 1.0	EGL EPO EPO ET	300 Ac 310 Pla 315 Ma 321 Int 340 Fla 342 Re 342L Re 370 Ela 370L Ela ING 2015 C 32 So 472 Fa 460 Au 490 Po 490L Po	dvanced Writing ant Operations III anufacturing Processes II troduction to Power Generation Plants uid Mechanics uid Mechanics Lab efrigeration and Air Conditioning efrigeration and Air Conditioning Lab ectronics ectronics Lab cical Science Elective (Upper Division) acilities Management utomation utomation over Engineering Technology over Engineering Technology Lab ever Engineering Technology Lab	1.0 1.0 1.0 3.0 1.0 2.0 1.0 3.0 1.0 3.0 1.0 3.0 1.0 3.0 1.0 3.0 3.0 3.0 1.0 3.0	* Courses in Major	
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab ET 230L Properties of Materials Lab ET 250 Electrical Circuits ET 250L Electrical Circuits Lab ET 330 Dynamics ET 332 Strength of Materials ET 344 Thermodynamics FALL 2014 ELEC 9 American Institutions Elective ENG 470 Engineering Management ET 350L Electrical Machinery ET 350L Electrical Machinery ET 400 Instrumentation and Measurement ET 400L Instrumentation and Measurement Lab ET 442 Heating, Ventilation, and A/C	1.0 1.0 3.0 1.0 3.0 3.0 3.0 Total 18.0 3.0 3.0 3.0 1.0 2.0	EGL EPO EPO ET	300 Ac 310 Pla 315 Ma 321 Int 340 Fla 342 Re 342L Re 370 Ela 370L Ela ING 2015 C 32 So 472 Fa 460 Au 490 Po 490L Po	dvanced Writing ant Operations III anufacturing Processes II troduction to Power Generation Plants uid Mechanics uid Mechanics Lab efrigeration and Air Conditioning efrigeration and Air Conditioning Lab ectronics ectronics Lab cities Management utomation utomation utomation Lab ever Engineering Technology	1.0 1.0 1.0 3.0 1.0 2.0 1.0 3.0 1.0 3.0 1.0 3.0 1.0 3.0 1.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	* Courses in Major	
ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab ET 230L Properties of Materials Lab ET 250 Electrical Circuits ET 250L Electrical Circuits Lab ET 330 Dynamics ET 332 Strength of Materials ET 344 Thermodynamics FALL 2014 ELEC 9 American Institutions Elective ENG 470 Engineering Management ET 350 Electrical Machinery ET 350L Electrical Machinery ET 400 Instrumentation and Measurement ET 400L Instrumentation and Measurement Lab	1.0 1.0 3.0 1.0 3.0 3.0 3.0 Total 18.0 3.0 3.0 3.0 1.0	EGL EPO EPO ET	300 Ac 310 Pla 315 Ma 321 Int 340 Fla 342 Re 342L Re 370 Ela 370L Ela ING 2015 C 32 So 472 Fa 460 Au 490 Po 490L Po	dvanced Writing ant Operations III anufacturing Processes II troduction to Power Generation Plants uid Mechanics uid Mechanics Lab efrigeration and Air Conditioning efrigeration and Air Conditioning Lab ectronics ectronics Lab cical Science Elective (Upper Division) acilities Management utomation utomation over Engineering Technology over Engineering Technology Lab ever Engineering Technology Lab	1.0 1.0 1.0 3.0 1.0 2.0 1.0 3.0 1.0 3.0 1.0 3.0 1.0 3.0 1.0 3.0 3.0 3.0 1.0 3.0	* Courses in Major	