REVISED 11/2/12 Subject to Change

CLASS OF 2014 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 2010 CHE 100 Chemistry I CHE 100L Chemistry I Lab ENG 100 Engineering Graphics EPO 110 Plant Operations I EPO 125 Introduction to Marine Engineering EPO 213 Welding Lab ET 110 Introduction to Engineering Technology MTH 100 College Algebra and Trigonometry PE 100 Beginning/Intermediate Swimming	SPRING 2011 3.0 DL 105 Marine Survival 1.0 DL 105L Marine Survival Lab 2.0 DL 105X USCG Lifeboatman's Exam 1.0 EGL 100 English Composition 3.0 ELEC 8 American Institutions Elective 1.0 ELEC 21 Humanities Elective (Lower Division) 1.0 LIB 100 Information Fluency in the Digital World 4.0 MTH 210 Calculus I (.5) Total 16.0	SPRING CRUISE 2011 1.0 CRU 150 Sea Training I 8.0 1.0 EPO 220 Diesel Engineering I \$\\ 0.0 \$\\ 3.0 \$\\ 3.0 \$\\ 3.0 \$\\ 2.0 \$\\ 4.0 \$\\ Total 17.0 \$\\ \$\\ Total 17.0 \$\\ \$\\ \$\\ \$\\ \$\\ \$\\ \$\\ \$\\ \$\\ \$\\
FALL 2011 COM 220 Programming Applications for Engr. Tech Majors COM 220L Programming Applications for Engr. Tech Majors Lab ELEC 20 Critical Thinking Elective EPO 210 Plant Operations II EPO 214 Boilers EPO 215 Manufacturing Processes I EPO 230 Steam Plant System Operations MTH 211 Calculus II PHY 200 Engineering Physics I PHY 200L Engineering Physics I Lab	SPRING 2012 1.0 CHE 205 Chemistry of Plant Processes* 1.0 EGL 110 Speech Communication 3.0 EPO 235 Steam Plant Watch Team Management* 1.0 EPO 312 Turbines* 3.0 ET 232 Statics* 1.0 PHY 205 Engineering Physics II 1.0 4.0 3.0 1.0	SPRING CO-OP 2012 3.0 CEP 270 FET Co-Op I 3.0 1.0 3.0 3.0 4.0 Total 17.0
FALL 2012 ELEC 22 Humanities Elective (Upper Division) EPO 319 Facilities Engineering Diagnostics Lab ET 230 Properties of Materials ET 230L Properties of Materials Lab ET 250 Electrical Circuits ET 250L Electrical Circuits Lab ET 330 Dynamics ET 344 Thermodynamics	SPRING 2013 3.0 EGL 300 Advanced Writing 1.0 EPO 310 Plant Operations III 2.0 EPO 315 Manufacturing Processes II 1.0 EPO 321 Introduction to Power Generation Plants 3.0 ET 332 Strength of Materials 1.0 ET 340 Fluid Mechanics 3.0 ET 340L Fluid Mechanics Lab 3.0 ET 342 Refrigeration and Air Conditioning Total 17.0 ET 370 Electronics ET 370 Electronics Lab	SPRING CO-OP 2013 (3.0) CEP 370 FET Co-Op II 3.0 1.0 1.0 1.0 3.0 3.0 3.0 1.0 2.0 1.0 3.0 1.0 Total 17.0
FALL 2013 ELEC 9 American Institutions Elective ENG 470 Engineering Management ET 350 Electrical Machinery ET 350L Electrical Machinery Lab ET 400 Instrumentation and Measurement ET 400L Instrumentation and Measurement Lab ET 442 Heating, Ventilation, and A/C 442L Heating, Ventilation, and A/C Lab	SPRING 2014 3.0 ELEC 32 Social Science Elective (Upper Division) 3.0 ENG 472 Facilities Management 3.0 ET 460 Automation 1.0 ET 460L Automation Lab 3.0 ET 490 Power Engineering Technology 1.0 ET 490L Power Engineering Technology Lab 2.0 HUM 310 Engineering Ethics 1.0 Total 17.0	3.0 3.0 3.0 3.0 1.0 3.0 1.0 3.0 1.0 3.0 1.0 1.0 3.0 1.0 3.0