

(Revised Fall 2003)

PRE- AND CO-REQUISITES FOR B.S.E.E. REQUIRED COURSES

CHEMISTRY (5units)

Chem 1A

PHYSICS (8 units)

Phys 11A (Math 31, 31)

Phys 11C (Phys 11A, Math 31)

MATHEMATICS (15 units)

Math 30

Math 31 (Math 30)

Math 32 (Math 31)

Math 45 (Math 31)

COMPUTER SCIENCE (3 units)

CSC 25

ENGINEERING (11 units)

Engr 17 (Prereq Phys 11C, Math 45, either concurrent)

Engr 70 (Prereq Phys 11A)

Engr 120 (Coreq EEE 180)

Engr 140 (Prereq Engr 17, 30 or Csc 130)

EEE ELECTIVES (13 units)

7 units EEE DEPTH (MUST INCLUDE 1 LAB)

6 units EEE elective

GENERAL EDUCATION (33 units)

See ABET Requirements

OTHER (3 units)

Engl 20 (Engl 1A) or Engr 150

ELECTRICAL AND ELECTRONIC ENGR (43 units)

EEE 064 (Prereq CSc 015 or Csc 025)

EEE 108 (Coreq EEE 108L; Prereq EEE 117, 166)

EEE 108L(Coreq EEE 108; Prereq EEE 117, 117L, 166)

EEE 109 (Prereq 108, 108L, 117, 117L, WPE)

EEE 117 (Coreq EEE 064 amd 117L; Prereq Engr 017)

EEE 117L(Coreq EEE 117)

EEE 130 (Prereq 117)

EEE 141 (Coreq EEE 130)

EEE 143 (Prereq EEE 130, 141, WPE)

EEE 161 (Prereq Math 32, 45, Engr 17, Phys 11C, Csc 25)

EEE 166 (Coreq EEE 117, 117L)

EEE 174 (Prereq EEE 064)

EEE 180 (Prereq EEE 117)

EEE 184 (Prereq EEE 108, 180)

EEE 185 (Prereq EEE 180, Engr 120)

EEE 192A (Prereq EEE 108, 130, 141, 161, 174, 180, WPE, Oral Comm.; Coreq EEE 143)

EEE 192B (Prereq 192A)

EEE 193A (Prereq EEE 108, 109, 161, 174, 180, WPE, Oral Comm.)

EEE 193B (Prereq 193A)

PRE- AND CO-REQUISITES FOR B.S.E.E. ELECTIVE COURSES

Analog/Digital Electronics

EEE 109 (see above)

EEE 110 (Prereq 109 and 180)

EEE 111 (Prereq 109; Coreq EEE 110)

CpE 138 (Prereq CSc 035, 060, 130)

CpE 151 (Prereq EEE 064, 102 or 108, ENGR 017)

CpE 166 (Prereq CpE 064)

CpE 186 (Prereq CpE 185 or EEE 174)

CpE 187 (Prereq CpE 166, 185, WPE)

Control Systems

EEE 187 (Prereq EEE 180)

EEE 188 (Prereq EEE 184)

EEE 189 Prereq EEE 117, WPE; Coreq EEE 184)

Power Engineering

EEE 131 (Prereq EEE 117, WPE; Coreq EEE 130)

EEE 135 (Prereq EEE 130)

EEE 142 (Prereq EEE 130)

EEE 144 (Prereq EEE 130)

EEE 146 (Prereq EEE 108 and 130)

EEE 148 (Coreq EEE 146)

Communication Engineering

EEE 154 (Prereq EEE 109 and 161)

EEE 162

EEE 163 (Prereq EEE 117, WPE; Coreq EEE 162)

EEE 165 (Prereq EEE 161, 180; Coreq EEE 185)

EEE 167 (Prereq EEE 161, 180, WPE; Coreq EEE 165)

EEE 181 (Prereq EEE 064, 180)

EEE 182 (Prereq EEE 180; Coreq EEE 181)

EEE 183 (Prereq EEE 161, 180, Coreq 185)

EEE 186 (Prereq EEE 117, WPE; Coreq EEE 185)

Phys 106 (see catalog)

Phys 130 (see catalog)