

ELECTRICAL ENGINEERING OPTION CHECKSHEET

Name: _____ Date: _____ Checked by: _____

EE: 192 minimum credit hours

GENERAL EDUCATION	
ENG 151/2/3	
ENG 3XXJ	
TIER III	EE 495A

TIER – II (TAKE 2/3: 2S, 2H, 2C)		
TIER II-1	HUM#1	
TIER II-2	SS #1	

Breadth & Depth 2+2 or 3+1 model		
TIER II-1	HUM#2	
TIER II-2	SS #2	
Depth requires same major. Could be a non-TII, higher level course.		

BASIC MATH	
MATH 263A (4)	
MATH 263B (4)	
MATH 263C (4)	
MATH 263D (4)	
MATH 340 (4)	

Basic Science	
CHEM 151 (5)	
PHYS 251 (5)	
PHYS 252 (5)	

Math/Science Electives	
Math/Sci ELECTIVE-1	
Math/Sci ELECTIVE-2	
Math/Sci ELECTIVE-3	
Adv-Math ELECTIVE-3 MATH 440	

CHEM 152, 153, 123, 301; PHYS 253, 254
 MATH 410, 411, 412, 413A, 441, 444, 446, 460A, 470,
 480A GEOL 211, 231, 270, 283
 BIOS 170, 171, 172, 221; CS 300; PHIL 320

*Note: MATH 440 – EE 321- EE 395C (F, W, S)

Programming Electives	
ET 181 or CS 210	
CS 240A	

Engineering Electives	
CE 220 - STATICS	
Engineering Elect. I	
Engineering Elect. II	
ME 224(Dynamics-C in Statics); ME 321(Thermo) CE 222(C in Statics); CE 340(Fluid Mech-C in Dynamics) ChE 231(Materials); CS 240C; 361	

E E Major	
EE 101, 102, 103	
EE 210, 211, 221, 212	
EE 321, 371	
EE 333, 334	
EE 395A, B, C	
EE 495A, B, C	

EECS SENIOR ELECTIVES	
SENIOR ELECT #1	
SENIOR ELECT #2	
SENIOR ELECT #3	

Technical Electives	
Tech. Elect. #1	
Tech. Elect. #2	
EE 3XX, 4XX; CS 3XX, 4XX; MATH 4XX ME 321, 410, 491, 492; ISE 330; PHYS 253, 254; CE 340	

Free Electives	
Free Elective-1	
Free Elective-2	
Could be from Senior EECS Electives, TIER II, from EE Tech Electives, or from Free Electives (CS ≥ 210, PHYS ≥ 251, MATH ≥ 263A, CHEM ≥ 151) AFROTC=ok	
Math Minor	
30 hrs > MATH 200 Include 10 ≥ MATH 306	

