

# ELECTRICAL ENGINEERING OPTION CHECKSHEET

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Checked by: \_\_\_\_\_

EE: 192 minimum credit hours

<b>GENERAL EDUCATION</b>	
ENG 151/2/3	
ENG 3XXJ	
TIER III	EE 495C

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

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

<b>BASIC MATH</b>	
MATH 263A (4)	
MATH 263B (4)	
MATH 263C (4)	
MATH 263D (4)	
MATH 340 (4)	

<b>Basic Science</b>	
CHEM 151 (5)	
PHYS 251 (5)	
PHYS 252 (5)	

<b>Math/Science Electives</b>	
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)

<b>Programming Electives</b>	
ET 181 or CS 210	
CS 240A	

<b>Engineering Electives</b>	
CE 220 - STATICS	
Engineering Elect. I	
Engineering Elect. II	
ME 224(Dynamics-C in Statics); ME 321(Thermo) CE 222(C in Statics); ISE 330 CE 340(Fluid Mech-C in Dynamics) ChE 231(Materials); CS 240C; 361	

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

<b>EECS SENIOR ELECTIVES</b>	
SENIOR ELECT #1	
SENIOR ELECT #2	
SENIOR ELECT #3	

<b>Technical Electives</b>	
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	

<b>Free Electives</b>	
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	
<b>Math Minor</b>	
30 hrs > MATH 200 Include 10 ≥ MATH 306	