

BS in Electrical Engineering 4 Year Plan (2019-2020)

Name: _____
CWID: _____

Fall Semester

Spring Semester

Eng 1301 College Reading & Writing	3	
Component Area Option	3	
Engr 110 Introduction to Engineering	3	
Math 2413 Calculus I	4	
PHYS 2425 University Physics I	4	
Semester Total	17	

Eng 1302 Written Argument & Research	3	
Hist 1301 US History to 1877	3	
ENGR 113 Product Design & Development	3	
Math 2414 Calculus II	4	
Phys 2426 University Physics II	4	
Semester Total	17	

Hist 1302 US History to 1865	3	
COSC 151 Intro to Computer Sci & Prog	4	
Math 2415 Calculus III	4	
EE 210 Digital Circuits	3	
ENGR 2304 Computing for Engineers	3	
Semester Total	17	

Eco 2302 Prin of Micro Economics	3	
Engr 2308 Engineering Economic Analysis	3	
Engr 213 Engineering Prob & Statistics	3	
EE 220 Circuit Theory	3	
Math 2318 Linear Algebra	3	
Psci 2305 Principles of US & Tx Gov	3	
Semester Total	18	

Math 2320 Differential Equations	3	
EE 320 Electronics I	3	
EE 310 Digital Sys/Embedded Cntl	3	
Chem 1311 Gen & Quantitative Chem	3	
Chem 1111 Gen & Quantitative Chem Lab	1	
PSCI 2306 US & Texas Gov Inst & Politics	3	
Semester Total	16	

Elective: Humanities	3	
Elective: Visual/Performing Arts	3	
EE 330 Continuous Signals & Systems	3	
EE 321 Electronics II	3	
EE 340 Electromagnetics	3	
Semester Total	15	

Elective (Table 1)	3	
Elective (Table 2)	3	
EE 430 Discrete Signals & Systems	3	
EE 440 Power	3	
EE 470 Capstone Design/Internship I	3	
Semester Total	15	

EE 433 Digital Signal Processing	3	
EE 435 Control Systems	3	
EE 471 Capstone Design/Internship II	3	
Elective (Table 1)	3	
Semester Total	12	

Program Total: 127 credit hours