

**Advising Sheet: B.S. EE Computer Engineering Emphasis**  
(July 2017)

Name: \_\_\_\_\_

ID: \_\_\_\_\_

Fall					Spring				
Freshman:	Hrs	Grade	Sem	Prereq/Coreq		Hrs	Grade	Sem	Prereq/Coreq
Writ 101	(3)					Writ 102	(3)		Writ 101
Math 261	(3)			Math ACT 24		Math 262	(3)		Math261 (Min C)
Chem 105	(3)			Math ACT 25, Chem115		Phys 211	(3)		Math262, Phys221
Chem 115	(1)			Chem105		Phys 221	(1)		Phys211
CSCI 111 Com Sci I	(3)			Math ACT 22 or Math 121		El E 235 Principles of Digital Systems	(3)		
El E 100	(1)					El E 236 Dig Sy Lab	(1)		El E 235 Coreq./Prereq.
SS/H/FA						CSCI 112 Com Sci II	(3)		CSCI 111 (Min C-)
<b>Sophomore:</b>									
Math 263	(3)			Math262 (Min C)		Math 264	(3)		Math263 (Min C)
Phys 212	(3)			Math262, Phys222, Phys211		Math 353 Diff. Eq.	(3)		Math264
Phys 222	(1)			Phys212		ENGR 310 Analys I	(3)		Math 262
ENGR 360 Elec Circ	(3)			Math263, Phys 212		El E 386 Advanced Dig Systems Lab	(1)		El E 385
El E 385 Adv Dig Sys	(3)			El E 235 (Min C-)		ENGR 361 Circ Lab	(1)		ENGR 360
CSCI 211 Com Sci III	(3)			CSCI 112 (Min C-)		CSCI 223 Cmp. Org	(3)		CSCI 112 (Min C-)
						SS/H/FA	(3)		
<b>Junior:</b>									
El E 351 <sup>#</sup> Electro I	(3)			ENGR360 (Min C-), Math 353		El E 341 <sup>#</sup> Field Theo	(3)		Math 264, ENGR 410
El E 485 <sup>#</sup> Microp	(2)			El E 385, El E 386, El E 486		El E 352 <sup>#</sup> Electro II	(3)		El E 351, El E 353
El E 486 <sup>#</sup> Microp Lab	(1)			El E 485		El E 353 <sup>#</sup> Electr Lab	(1)		ENGR 361, El E 352
El E 331 <sup>#</sup> Linear Sys	(3)			ENGR360 (Min C-), Math 353		El E 367 <sup>#</sup> CAD in EE	(3)		El E 351, ENGR 361
Math 301 Discrete Math	(3)			Math 261 (Min C)		El E 391 <sup>#</sup> Random Signals	(3)		El E 331
ENGR 410 <sup>#</sup> Analys II	(4)			Math264, Math 353		El E 431 <sup>#</sup> Control Theory	(3)		El E 331
<b>Senior:</b>									
El E 461 <sup>#</sup> Senior Design I	(1)			El E 353, El E 367		El E 462 <sup>#</sup> Senior Design II	(2)		El E 461
CSCI 423 Intro to Operating Systems	(3)			CSC 211 (Min C-), CSCI 223 (Min C-)		Econ 310	(3)		
El E 425 <sup>#</sup> Local Area Network	(3)					ENGR 309 Statics	(3)		Math 263, Phys 211
Tech. Elective	(2)					SS/H/FA	(3)		
SS/H/FA	(3)					SS/H/FA	(3)		
ENGR 321 Thermo	(3)			Chem 105, Math 262					
<b>Must have at least 6 hrs of Social/Behavioral Science courses, and 9 hrs of Humanities and Fine Arts courses with at least 3 hrs in each; 15 hrs of Social/Behavioral Sciences - Humanities - Fine Arts and other approved courses are required. Must take 3 hrs Engineering Economy serving as a required liberal arts class</b>									
Social/Behavioral Science			Humanities			Fine Arts			
<b>Technical Electives – Any departmental approved 300+ level elective course</b>									
<b># means a course is only taught in a designated Fall/Spring semester.</b>									
<b>TOTAL = 128 HOURS</b>									