

Electrical Engineering

Fall 2017

	Fall		Spring		
Freshman	ENGR 100 Engineering Seminar 1	1	ENGR120 Programming for Engineers	3	
	ENGR 110 Modeling	3	MAT212 Calculus 2	4	
	MAT 211 Calculus 1	4	PHY206 / 125 Physics 2	4	
	PHY 205 / 123 Physics 1	4	HCS 100 Human Communications	3	
	ENG 114 Writing Intensive First-Year Seminar	3	HIS 106 History 1	3	
		15		17	32
Sophomore	ENGR 200 Engineering Seminar 2	1	MAT 375 Prob & Statistics for Engineers	4	
	CMPE 220 Computer Organization	4	PHY 355 Electronics	4	
	MAT225 Discrete Math	4	PHY311 Quantum Physics	4	
	HIS105 History 2	3	Gened #1	3	
	MAT 322 Differential Equations	3			
		15		15	62
Upper Division Even	CMPE322 Microcontroller & Interfaces	4	CMPE420 Digital & Reconfigurable	4	
	MAT213 Calculus 3	4	CMPE499 Senior Capstone or General Education #2	3	
	ENGR 300 Engineering Seminar 3	1	Gened #3	3	
	PHY 321 Electricity & Magnetism	4	Gened #4	3	
	ELEC300 Foundations of Electronics	4			
		17		13	92
Upper Division Odd	ENGR310 Statistical Process Control	3	CMPE499 Senior Capstone or General Education #1	2	
	ELEC210 Signals & Systems	4	ELEC360 Communications	4	
	Engineering Elective	4	Gened #7	3	
	Gened #5	3	Gened #8	3	
	Gened #6	3	Gened #9	3	
		17		15	124

Upper Division Even: Academic years that have an even fall: 2018-2019, 2020-2021, 2022-2023

Upper Division Odd: Academic years that have an odd fall: 2017-2018, 2019-2020, 2021-2022