

# Electrical Engineering

Fall 2017 / UCC 17-106

	Fall		Spring		
<b>Freshman</b>	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	
	UNIV101 - First Year Seminar	3	ENG114 WIFYS	3	
		15		17	32
<b>Sophomore (Even)</b>	ENGR 200 Engineering Seminar 2	1	ELEC210 - Linear Circuit Analysis	4	
	CMPE 220 Computer Organization	4	PHY311 Quantum Physics	4	
	MAT225 Discrete Math	4	Gened #1	3	
	HIS105 - History 1	3	Gened #4	3	
	MAT 322 Differential Equations	3			
		15		14	61
<b>Sophomore (Odd)</b>	ENGR 200 Engineering Seminar 2	1	ELEC310 - Signals & Systems	4	
	CMPE 220 Computer Organization	4	ELEC210 - Linear Circuit Analysis	4	
	MAT225 Discrete Math	4	PHY311 Quantum Physics	4	
	HIS105 History 2	3	Gened #1	3	
	MAT 322 Differential Equations	3			
		15		15	62
<b>Upper Division Even</b>	CMPE322 Microcontroller & Interfaces	4	CMPE420 Digital & Reconfigurable	4	
	MAT213 Calculus 3	4	CMPE499 Senior Capstone or General Education #2	3/2	
	ENGR 300 Engineering Seminar 3	1	Gened #3	3	
	PHY 321 Electricity & Magnetism	4	ELEC360 Communications	4	
	ELEC300 Foundations of Electronics / Gened #5	4/3			
		17/16		14/13	92
<b>Upper Division Odd</b>	MAT 375 Prob & Statistics for Engineers	3	CMPE499 Senior Capstone or General Education #2	3/2	
	ELEC300 Foundations of Electronics / Gened #5	4/3	ELEC310 - Signals & Systems / Gened #4	4/3	
	Engineering Elective	4	ENGR310 Statistical Process Control	3	
	Gened #6	3	Gened #7	3	
			Free Elective	2	
		14/13		13/14	120

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