

Electrical and Computer Engineering

Cockrell School of Engineering

Elective Classes	Fall 16	Spring 17	Fall 17	Spring 18
316 - Digital Logic Design	X	X	X	X
422C - Software Design & Implementation II	X	X	X	X
325 - Electromagnetic Engineering	X	X	X	X
325K - Antennas and Wireless Propagation	X		X	
334K - Quantum Theory of Electronic Materials				X
438 - Electronic Circuits I	X	X	X	X
438K - Analog Electronics Lab		X		X
338L - Analog Integrated Circuit Design			X	
339 - Solid-State Electronic Devices	X	X	X	X
339S - Solar Energy Conversion Devices		X		X
440 - Microelectronics Fabrication Techniques	X	X	X	X
341 - Electric Drives and Machines				X
445L - Embedded Systems Design Lab	X	X	X	X
445M - Embedded & Real-Time Systems Lab		X		X
445S - Real-Time Digital Signal Processing Lab	X	X	X	X
347 - Modern Optics		X		
348 - Laser and Optical Engineering		X		X
351M - Digital Signal Processing	X		X	
360C - Algorithms	X	X	X	X
360F - Introduction to Software Engineering	X		X	
360K - Introduction to Digital Communications				
460M - Digital Systems Design Using HDL	X	X	X	X
460N - Computer Architecture	X	X	X	X
360P - Concurrent and Distributed Systems		X		X
460R - Introduction to VLSI Design	X		X	
360T - Software Testing		X		X
361C - Multicore Computing	X			
461L - Software Engineering and Design Lab	X	X	X	X
361M - Intro to Data Mining	X		X	
361Q - Requirements Engineering		X		X
461S - Operating Systems	X		X	
362K - Introduction to Automatic Control	X	X	X	X
462L - Power Electronics Lab	X	X	X	X
362R - Renewable Energy		X		
362Q - Power Quality and Harmonics	X			
362S - Development of Solar-powered Vehicle			X	
363M - Microwave and Radio Frequency Eng.		X		X
363N - Engineering Acoustics	X		X	
368L - Power Systems Apparatus and Lab		X		X
369 - Power Systems Engineering	X		X	
471C - Wireless Communications Lab	X		X	
371R - Digital Image and Video Processing	X		X	
374K - Biomedical Electronic Instrument Design	X		X	
374L - Applications of Biomedical Engineering		X		X
379K - Data Science Laboratory	X	X	X	X
379K - Nanopatterning		X		X
379K - Smart Grids		X		