

2008-09 ELECTRICAL ENGINEERING

Crse. #	Course Title		
ECE502	ANALYSIS OF PROBABILISTIC SIGNALS & SYSTEMS	Fall	Spring
ECE503	DIGITAL SIGNAL PROCESSING		Spring
ECE504	ANALYSIS OF DETERMINISTIC SIGNALS & SYSTEMS	Fall	
ECE505	COMPUTER ARCHITECTURE	Fall	
ECE506*	INTRO TO LOCAL & WIDE AREA NETWORKS		Spring
ECE508	TELECOMMUNICATIONS POLICY		
ECE512	ACOUSTIC & UNTRASOUND ENGINEERING	Fall	
ECE514	FUNDAMENTALS OF RF & MW ENGINEERING	Fall	
ECE523	POWER ELECTRONICS	Fall	
ECE524	ADVANCED ANALOG INTEGRATED CIRCUIT DESIGN		
ECE529	SPECIAL TOPICS IN ELECTRONIC SYSTEM DESIGN:		
ECE529B	Analog Circuits and Intuition		Spring
ECE529C	Noise in Analog Circuits and Systems		
ECE530*	HIGH PERFORMANCE NETWORKS	Fall	
ECE531	PRINCIPLES OF DETECTION & ESTIMATION THEORY		Spring
ECE5311	INFORMATION THEORY AND CODING		Spring
ECE532	DIGITAL COMMUNICATIONS: MODULATION & CODING		
ECE533	ADVANCES IN DIGITAL COMMUNICATIONS		
ECE535	TELECOMMUNICATIONS TRANSMISSION TECHNOL		
ECE537*	ADVANCED COMPUTER & COMMUNIC NETWORKS		
ECE538	WIRELESS INFORMATION NETWORKS		Spring
ECE539	SPECIAL TOPICS IN COM. THEORY and SIGNAL PROC.:		
ECE539A	Real-Time Digital Signal Processing		
ECE539K	Optical Waves and Devices		
ECE539M	Antennas		Spring
ECE539N	Comp E & M / High Frequency Circuit Modeling		
ECE539R	Radar/GPS/Navigator		Spring
ECE539S	Mobile Data Networks		
ECE545*	DIGITAL IMAGE PROCESSING		
ECE549	SPECIAL TOPICS IN CONTROL:		
ECE559	SPECIAL TOPICS IN ENERGY SYSTEMS:		
ECE566	VLSI DESIGN	Fall	
ECE569	SELECTED TOPICS IN SOLID STATE:		
ECE569A	Advanced Solid-State Devices		
ECE572*	ADVANCED SYSTEMS ARCHITECTURE		Spring
ECE574	VHDL MODELING & SYNTHESIS	Fall	
ECE578	CRYPTOGRAPHY AND DATA SECURITY	Fall	
ECE579	SPECIAL TOPICS IN COMPUTER ENGINEERING::		
ECE579S	Computer & Network Security	Fall	
ECE579T	Network Security		
ECE579U	Information Security & Management		
ECE579V	Comp Arithmetic Circuits		Spring
ECE579W	Wireless & Internet Security		
ECE579Y	Reconfiguration Computing Using FPGAs		Spring
ECE579X	Advanced Digital Design		
ECE581*	MODELING & PERF EVAL - NETWORKS & COMP SYST		
ECE595	COMPUTER & COMMUNIC NETWORKS INTERNSHIP		
ECE596A	GRADUATE SEMINAR	Fall	
ECE596B	GRADUATE SEMINAR		Spring
ECE597	INDEPENDENT STUDY		
ECE598	DIRECTED RESEARCH		
ECE599	THESIS		
ECE630	ADV TOPICS IN SIGNAL PROCESSING:		
ECE673	ADVANCED CRYPTOGRAPHY		
ECE699	PhD DISSERTATION		

* = CROSS-LISTED WITH COMPUTER SCIENCE