

Tentative Plan of ECE Graduate Courses 2008 - 2013

A=Alternate C= Core E =EveryYear	Courses	Title	2008/2009		2009/2010		2010/2011		2011/2012		2012/2013	
			Fall	Sp	Fall	Sp	Fall	Sp	Fall	Sp	Fall	Sp
E	501/416	Analog Circuit Design	X		X		X		X		X	
E	504/419	Power Electronics	X		X		X		X		X	
E	506	Mathematical Methods In EE	X		X		X		X		X	
E	507	Mathematical Methods in CoE		X		X		X		X		X
E	510/462	Control Systems II	X		X		X		X		X	
A FALL	513	Nonlinear Systems Design			X				X			
C	515	Analy & Des Of Control Sys	X		?	?		X		X		X
A SPRING	517	Adaptive Control Systems		X				X				X
A SPRING	518	Intro to Process Control				X				X		
E	520/402	Digital Signal Processing I		X		X		X		X		X
C	521	Digital Signal Processing	X		X		X		X		X	
A SPRING	522	Estimation Theory				X				X		
A SPRING	523	Data Compression		X				X				X
E	527	Information Theory		X		X		X		X		X
E	530/474	Electro-Optics	X		X		X		X		X	
C	531	Electromagnetic Field Theory										
A SPRING	533	Electromagnetic Compatibility										
A SPRING	542	Wireless Communications				X				X		
E	545/477	Digital Communications	X		X		X		X		X	
A SPRING	549	Free-Space Laser Communication		X				X				X
C	552	Computer Design	X		X		X		X		X	
E	553	Computer Network Arch	X		X		X		X		X	
E	560/405	Cryptography & Info Security	X		X		X		X		X	
E	562	Fundamentals of Steganography		X		X		X		X		X
E	570/438	System on a Chip		X		X		X		X		X
A	571	Electronic Properties of Mtls										
A	572	Semiconductor Device Design										
E	573	Digital Systems Design II	X		X		X		X		X	
E	574/455	Cmos Vlsi Circuits & Architec.	X		X		X		X		X	
E	575	VLSI System Design		X		X		X		X		X
?	580A	Physics & Tech of Solar Cells		x		?		?		?		?
A FALL	616	Robust Multivariable Control		X	?	?	X				X	
A SPRING	619	Stochastic Control			?	?		X				X
A FALL	629	Machine Pattern Recognition	X				X				X	
A SPRING	642	Adaptive Signal Processing		X				X				X
A SPRING	657	Network Security		X				X				X
A SPRING	658	Hardware-Based Security				X				X		
A SPRING	677	CAD for High-Level Synthesis				X				X		
A SPRING	679	CAD for Physical Synthesis		X				X				X
E	680A	Seminar in Digital Forensics	X		X		X		X		X	