

		2004	2005	2005	2006	2006	2007	2007	2008	2008	2009
Course #	Description	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
ECE 401	Adv. Circ. Thry.										
ECE 404/504	Acoustics			Egolf		Egolf		Egolf		Egolf	
ECE 410	Analog Electronics	Wells	Noren	Noren	Noren	Noren		Noren		Noren	
ECE 412/512	Active Filters			Noren				Noren			
ECE 413/513	Communication Circ.				Noren				Noren		
ECE 415/515	CMOS Analog Elec.		Noren				Noren				X Noren
ECE 416	App. Of Linear Integrated Circ.	Noren				Noren				Noren	
ECE 417/517	Pul. & Dig. Circ.								Noren		
ECE 420	Energy Systems II	Johnson	Johnson	Hess	Johnson	Law	Hess	Johnson	Johnson	Hess	Hess
ECE 423	Power Sys Analysis	Law		Law		Johnson		Hess		Law	
ECE 427	Power Electronics & Drives		Hess		Hess		Barlow		Hess		Law
ECE 430	Mic. & Mill. Wave Circuits	Young		Young		Young		Young		Young	
ECE 432	Appl. of E&M Theory		Young		Atkinson		Atkinson		Atkinson		Atkinson
ECE 433	Num. Sol. EM Problems (417)										
ECE 440	Dig Sys Engr		Donohoe		Frenzel, J.				Frenzel, J.		Frenzel, J.
ECE 441	Comp Organization			Frenzel, J.							
ECE 443	Advanced Microprocessors			Wall		Wall		Wall		Wall	
ECE 445	Intro VLSI Design		Frenzel, J.		Frenzel, J.						
ECE 449	Fault-Tolerant Systems			Krings		Krings		Krings		Krings	
ECE 450	Signals & Systems II		Wells	Kazakos	Wells		Egolf		Wells		Wells
ECE 452	Comm Systems					Kazakos		Wells		Kazakos	
ECE 454	Digital Data Stor. Systs.										
ECE 455	Info & Coding Theory		Kazakos		Kazakos		TBA		Kazakos		Kazakos
ECE 466	Sem. Devices	Sullivan		Sullivan		Sullivan		Sullivan		Sullivan	
ECE 470/ME	Control Systems (481)	Edwards		Egolf		Egolf		Egolf		Egolf	
ECE 471	Digital Control			Wall		Wall		Wall		Wall	
ECE 476	Dig. Filtering		Egolf				Egolf		Egolf		Egolf
ECE 504	Stoch Models for Comm Netw							Kazakos			
ECE 504	Pwr Sys Stability		Law				Law				X Law
ECE 520	Adv. Elec. Mach.				Law				Law		
ECE 522	Induction Machine										
ECE 523	Symm Compon							Johnson			
ECE 524	Transients Power Sys			Johnson							
ECE 525	Pwr.Sys. Prot. & Rel.	Johnson				Johnson				Johnson	

ECE 526	Prot. Pwr. Sys. II (511)		V Wall				Johnson				Johnson
ECE 527	Dyn. & Cont. of AC Drives			Hess				Hess			
ECE 528	Understanding Pwr Qual.	Hess				Hess				Hess	
ECE 529	Utility App. of Pwr. Elect.				Johnson						
ECE 530	Adv. E&M Theory (518)			Young		Young		Young		Young	
ECE 533	Antenna Theory				Young				Young		
ECE 539	Adv. Top. Electromag.		Young				Young				Young
ECE 540	Asynch. Circ. Design 554		Frenzel, J.				Maki				Frenzel, J.
ECE 541	Adv. Comp. Arch.										
ECE 542	Dig. Sys. Testing				Maki				Frenzel, J.		
ECE 545	VLSI Design	Frenzel, J.				Frenzel, J.				Frenzel, J.	
ECE 550	Communication Theory										
ECE 554	Info Theory I					Wells				Wells	
ECE 555	Info Theory II		Wells						Kazakos		Wells
ECE 556	Adaptive Signal Proc.	Wells							Wells		
ECE 557	Biological Signal Processing				Wells		Wells	Wells			
ECE 560	Sem. Theory		Sullivan		Sullivan		Sullivan		Sullivan		Sullivan
ECE 570	Random Sig (507)			Assefi				Assefi			
ECE 572/ME	Linear Sys Thry (580)	Assefi				Assefi				Assefi	
ECE 578/ME	Neural Network Design (578)		Manic		Manic		Manic				
ECE 579/ME	Engr. Acoustics(513)		Anderson		Anderson						