

University of Texas-Austin

Electrical & Computer Engineering

Semester	Course #						Enroll
Jacob Abraham		Email abraham@ece.utexas.edu					
		Research Areas fault-tolerant computing, VLSI systems, computer-aided design					
F 2010	EE382M	WESTE	PRINCIPLES OF CMOS VLSI DESIGN	4	2011	Addison-Wesley	33
Alu							
S 2011	EE363M	POZAR	MICROWAVE ENGINEERING	3	2005	Wiley	16
S 2010	EE363M	POZAR	MICROWAVE ENGINEERING	3	2005	Wiley	18
Tony Ambler		Email ambler@ece.utexas.edu					
		Research Areas , ,					
F 2010	EE155	FORD	DESIGN FOR ELECTRICAL & COMPUTER ENGINEERS		2008	McGraw-Hill	0
F 2010	EE306	PATT/PATEL	INTRODUCTION TO COMPUTING SYSTEMS	2	2004	McGraw-Hill	332
S 2010	EE155	FORD	DESIGN FOR ELECTRICAL & COMPUTER ENGINEERS		2008	McGraw-Hill	1
Aristotle Arapostathis		Email arapost@ece.utexas.edu					
		Research Areas nonlinear dynamical systems, systems, control					
F 2010	EE351K	BERTSEKAS	INTRO TO PROBABILITY	2	2009	Athena	153
Adnan Aziz		Email adnan@ece.utexas.edu					
		Research Areas , ,					
S 2011	EE316	ROTH	FUNDAMENTALS OF LOGIC DESIGN	6	2010	Cengage	192
S 2011	EE382V	PARHI	VLSI DIGITAL SIGNAL PROCESSING SYSTEMS		1999	Wiley	51
S 2010	EE316	ROTH	FUNDAMENTALS OF LOGIC DESIGN	6	2010	Cengage	296
Ross Baldick		Email baldick@ece.utexas.edu					
		Research Areas , ,					
F 2010	EE369	GLOVER	POWER SYSTEM ANALYSIS & DESIGN	4	2008	Cengage	65
Sanjay Banerjee		Email banerjee@ece.utexas.edu					
		Research Areas solid-state devices and materials, ,					
S 2011	EE339	STREETMAN	SOLID STATE ELECTRONIC DEVICES	6	2006	Prentice Hall	83
S 2011	EE440	PLUMMER	SILICON VLSI TECHNOLOGY		2001	Prentice Hall	0
S 2010	EE440	PLUMMER	SILICON VLSI TECHNOLOGY		2001	Prentice Hall	9
Bank		Email sbank@ece.utexas.edu					
		Research Areas , ,					
F 2010	EE339	STREETMAN	SOLID STATE ELECTRONIC DEVICES	6	2006	Prentice Hall	71
F 2010	EE348	VERDEYEN	LASER ELECTRONICS	3	1995	Prentice Hall	15
F 2010	EE396V	VERDEYEN	LASER ELECTRONICS	3	1995	Prentice Hall	17
Bill Bard		Email bard@ece.utexas.edu					
		Research Areas , ,					
S 2011	EE444L	VALVANO	EMBEDDED MICROCOMPUTER SYSTEMS	2	2006	Cengage	0
F 2010	EE319K	VALVANO	INTRO TO EMBEDDED MICROCOMP SYS: 6811/6812		2003	Cengage	258
S 2010	EE345L	VALVANO	EMBEDDED MICROCOMPUTER SYSTEMS	2	2006	Cengage	67
Michael Becker		Email becker@ece.utexas.edu					
		Research Areas optical materials, electrooptics,					
S 2011	EE155	FORD	DESIGN FOR ELECTRICAL & COMPUTER ENGINEERS		2008	McGraw-Hill	31
S 2011	EE364D	FORD	DESIGN FOR ELECTRICAL & COMPUTER ENGINEERS		2008	McGraw-Hill	82
F 2010	EE464C	FORD	DESIGN FOR ELECTRICAL & COMPUTER ENGINEERS		2008	McGraw-Hill	0
F 2010	EE464H	FORD	DESIGN FOR ELECTRICAL & COMPUTER ENGINEERS		2008	McGraw-Hill	11
F 2010	EE464K	FORD	DESIGN FOR ELECTRICAL & COMPUTER		2008	McGraw-Hill	54

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Semester	Course #					Enroll
F 2010	EE464R	FORD	ENGINEERS DESIGN FOR ELECTRICAL & COMPUTER ENGINEERS	2008	McGraw-Hill	40
S 2010	EE347	HECHT	OPTICS	3	1998 Addison-Wesley	16
S 2010	EE364D	FORD	DESIGN FOR ELECTRICAL & COMPUTER ENGINEERS	2008	McGraw-Hill	128
Belkin						
, ,						
S 2011	EE325	HAYT	ENGINEERING ELECTROMAGNETICS	7	2006 McGraw-Hill	115
S 2011	EE325	SCHAUM	ELECTROMAGNETICS	2	1993 McGraw-Hill	117
S 2010	EE325	HAYT	ENGINEERING ELECTROMAGNETICS	7	2006 McGraw-Hill	97
S 2010	EE325	SCHAUM	ELECTROMAGNETICS	2	1993 McGraw-Hill	
Alan Bovik						
Email bovik@ece.utexas.edu						
Research Areas computer vision, statistical signals and image processing,						
S 2011	EE371R	BOVIK	ESSENTIAL GUIDE TO VIDEO PROCESSING	2009	Academic	44
S 2010	EE371R	BOVIK	HANDBOOK OF IMAGE & VIDEO PROCESSING	2001	Academic Press	45
David Brown						
Email brown@ece.utexas.edu						
, ,						
F 2010	EE366	PARK	CONTEMPORARY ENGINEERING ECONOMICS	5	2011 Prentice Hall	113
S 2010	EE362K	FRANKLIN	FEEDBACK CONTROL OF DYNAMIC SYSTEMS	6	2010 Prentice Hall	90
S 2010	EE366	PARK	CONTEMPORARY ENGINEERING ECONOMICS	4	2007 Prentice Hall	150
George Cardwell						
Email cardwell@ece.utexas.edu						
, ,						
S 2011	EE438	RAZAVI	FUNDAMENTALS OF MICROELECTRONICS		2008 Wiley	95
S 2010	EE331	HAMBLEY	ELECTRICAL ENGINEERING	4	2008 Prentice Hall	89
S 2010	EE438	RAZAVI	FUNDAMENTALS OF MICROELECTRONICS	2008	Wiley	139
Mark Carpenter						
Email m.carp@mail.utexas.edu						
, ,						
S 2011	EE333T	BEER	A GUIDE TO WRITING AS AN ENGINEER	3	2010 Wiley	106
S 2010	EE333T	BEER	A GUIDE TO WRITING AS AN ENGINEER	3	2010 Wiley	116
Craig Chase						
Email chase@ece.utexas.edu						
Research Areas parallel computing, compiling for parallel machines,						
S 2011	EE312	KING	C PROGRAMMING: A MODERN APPROACH	1996	Norton	43
D Chiou						
Email derek@ece.utexas.edu						
, ,						
S 2011	EE306	PATT/PATEL	INTRODUCTION TO COMPUTING SYSTEMS	2	2004 McGraw-Hill	70
John Davis						
Email davis@ece.utexas.edu						
Research Areas microwave systems engineering, ,						
F 2010	EE438	RAZAVI	FUNDAMENTALS OF MICROELECTRONICS	2008	Wiley	103
De Regge						
, ,						
S 2011	EE397K	ALRED	HANDBOOK OF TECHNICAL WRITING	9	2008 ST. MARTIN	2

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Semester	Course #					Enroll
	Ananth	Dodabalapur	Email ananth@mer.utexas.edu			
			, ,			
S 2010	EE379K	NELSON	PHYSICS OF SOLAR CELLS	2003	World Science	19
	Mircea	Driga	Email driga@ece.utexas.edu			
			Research Areas electromagnetic field theory, advanced computational electromagnetics,			
S 2011	EE341	SEN	PRIN OF ELECTRIC MACHINES & POWER ELECTRONICS	1989	Wiley	23
S 2010	EE341	SEN	PRIN OF ELECTRIC MACHINES & POWER ELECTRONICS	1989	Wiley	35
		Emelianov				
			, ,			
F 2010	EE385J	PRINCE	MEDICAL IMAGING SIGNALS & SYSTEMS	2005	Prentice Hall	6
	Brian	Evans	Email bevans@ece.utexas.edu			
			, ,			
S 2011	EE445S	TRETTER	COMMUNICATION SYS DESIGN W/ DSP ALGORITHMS	2003	Kluwer	44
F 2010	EE313	ROBERTS	SIGNALS & SYSTEMS	2004	McGraw-Hill	113
F 2010	EE316	ROTH	FUNDAMENTALS OF LOGIC DESIGN	6	2010 Cengage	
S 2010	EE345S	TRETTER	COMMUNICATION SYS DESIGN W/ DSP ALGORITHMS	2003	Kluwer	52
	W	Fagelson				
			, ,			
F 2010	EE333T	PFEIFFER	POCKET GUIDE TO TECHNICAL COMMUNICATION	5	2011 Prentice Hall	122
	Vijay	Garg	Email garg@ece.utexas.edu			
			Research Areas distributed systems, software engineering, control of discrete event systems			
S 2011	EE360P	GARG	CONCURRENT & DISTRIBUTED COMPUTING IN JAVA	2004	Wiley	45
S 2010	EE360P	GARG	CONCURRENT & DISTRIBUTED COMPUTING IN JAVA	2004	Wiley	57
		Gharpurey				
			, ,			
F 2010	EE411	ALEXANDER/SADIKU	FUNDAMENTALS OF ELECTRIC CIRCUITS	4	2009 McGraw-Hill	219
	Joydeep	Ghosh	Email ghosh@ece.utexas.edu			
			Research Areas computer architecture, parallel processing, artificial neural systems			
F 2010	EE360C	CORMEN	INTRODUCTION TO ALGORITHMS	3	2010 MIT Press	29
	W. Mack	Grady	Email grady@ece.utexas.edu			
			Research Areas power systems, electromagnetics,			
S 2011	EE394J	GREENWOOD	ELECTRICAL TRANSIENTS IN POWER SYSTEMS	2	1991 Wiley	18
		Hall	Email nahall@mail.utexas.edu			
			, ,			
S 2011	EE313	LATHI	LINEAR SYSTEMS & SIGNALS	2	2004 Oxford	201
F 2010	EE363N	KINSLER	FUND OF ACOUSTICS	4	2000 Wiley	15
S 2010	EE313	LATHI	LINEAR SYSTEMS & SIGNALS	2	2004 Oxford	158

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Semester	Course #						Enroll
	Gary	Hallock		Email hallock@ece.utexas.edu			
			Research Areas thermonuclear fusion, ,				
S 2011	EE464C	FORD	DESIGN FOR ELECTRICAL & COMPUTER ENGINEERS		2008	McGraw-Hill	0
S 2011	EE464H	FORD	DESIGN FOR ELECTRICAL & COMPUTER ENGINEERS		2008	McGraw-Hill	29
S 2011	EE464K	FORD	DESIGN FOR ELECTRICAL & COMPUTER ENGINEERS		2008	McGraw-Hill	68
S 2011	EE464R	FORD	DESIGN FOR ELECTRICAL & COMPUTER ENGINEERS		2008	McGraw-Hill	43
S 2010	EE464C	FORD	DESIGN FOR ELECTRICAL & COMPUTER ENGINEERS		2008	McGraw-Hill	0
S 2010	EE464K	FORD	DESIGN FOR ELECTRICAL & COMPUTER ENGINEERS		2008	McGraw-Hill	58
	Hamilton						
S 2011	EE384N	BLACKSTOCK	FUNDAMENTALS OF PHYSICAL ACOUSTICS		2000	Wiley	2
	Hassibi						
F 2010	EE338L	RAZAVI	DESIGN OF ANALOG CMOS INTEGRATED CIRCUITS		2001	McGraw-Hill	0
	Lizy	John		Email ljohn@ece.utexas.edu			
S 2011	EE360M	ROTH	DIGITAL SYSTEMS DESIGN USING VHDL		2	2008 Cengage	48
S 2010	EE360M	ROTH	DIGITAL SYSTEMS DESIGN USING VHDL		2	2008 Cengage	45
	Julien						
S 2011	EE360C	CORMEN	INTRODUCTION TO ALGORITHMS		3	2010 MIT Press	75
S 2011	EE360C	KLEINBERG	ALGORITHM DESIGN		2006	Addison-Wesley	
S 2010	EE360C	CORMEN	INTRODUCTION TO ALGORITHMS		3	2010 MIT Press	71
	Keto						
S 2011	EE347	PEDROTTI	INTRO TO OPTICS		2	1993 Prentice Hall	12
	S	Khurshid					
S 2011	EE360T	AMMANN	INTRODUCTION TO SOFTWARE TESTING		2008	Cambridge	40
S 2011	EE382C	AMMANN	INTRODUCTION TO SOFTWARE TESTING		2008	Cambridge	0
S 2011	EE382C	JACKSON	SOFTWARE ABSTRACTIONS: LOGIC, LANG & ANALYSIS		2006	MIT Press	
	H	Krasner		Email hkrasner@ece.utexas.edu			
S 2011	EE422C	CARRANO	DATA ABSTRACTION & PROB SOLVING IN C++		5	2007 Addison-Wesley	74
F 2010	EE312	KING	C PROGRAMMING: A MODERN APPROACH		1996	Norton	22
F 2010	EE312	PATT/PATEL	INTRODUCTION TO COMPUTING SYSTEMS		2	2004 McGraw-Hill	
F 2010	EE422C	KOFFMAN	OBJECTS, ABSTRACT, DATA STRUC & DESIGN W/JAVA		2	2010 Wiley	119
S 2010	EE312	KING	C PROGRAMMING: A MODERN APPROACH		1996	Norton	468
S 2010	EE312	PATT/PATEL	INTRODUCTION TO COMPUTING SYSTEMS		2	2004 McGraw-Hill	

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Semester	Course #						Enroll
Jack Lee							
			Email	lee@ece.utexas.edu			
			Research Areas	semiconductor devices, ,			
S 2011	EE411	ALEXANDER/SADIKU	FUNDAMENTALS OF ELECTRIC CIRCUITS	4	2009	McGraw-Hill	0
S 2010	EE411	ALEXANDER/SADIKU	FUNDAMENTALS OF ELECTRIC CIRCUITS	4	2009	McGraw-Hill	101
Hao Ling							
			Email	ling@ece.utexas.edu			
				, ,			
S 2011	EE392N	SKOLNIK	INTRODUCTION TO RADAR SYSTEMS	3	2001	McGraw-Hill	15
S 2011	EE392N	WEHNER	HIGH RESOLUTION RADAR	2	1994	ARTECH	
F 2010	EE325K	ULABY	FUNDAMENTALS OF APPLIED ELECTROMAGNETICS	6	2011	Prentice Hall	
F 2010	EE383L	BALANIS	ADVANCED ENGINEERING ELECTROMAGNETICS		1989	Wiley	14
McCann							
				, ,			
S 2011	EE331	HAMBLEY	ELECTRICAL ENGINEERING	5	2011	Prentice Hall	82
S 2011	EE366	PARK	CONTEMPORARY ENGINEERING ECONOMICS	5	2011	Prentice Hall	87
F 2010	EE364D	FORD	DESIGN FOR ELECTRICAL & COMPUTER ENGINEERS		2008	McGraw-Hill	133
S 2010	EE302	ALEXANDER/SADIKU	FUNDAMENTALS OF ELECTRIC CIRCUITS	4	2009	McGraw-Hill	71
Dean Neikirk							
			Email	neikirk@ece.utexas.edu			
			Research Areas	electromagnetics, ,			
F 2010	EE396K	PLUMMER	SILICON VLSI TECHNOLOGY		2001	Prentice Hall	20
Scott Nettles							
			Email	nettles@ece.utexas.edu			
				, ,			
S 2011	EE372N	PETERSON/DAVIE	COMPUTER NETWORKS	4	2007	Morgan Kaufmann	22
Michael Orshansky							
			Email	orshansky@mail.utexas.edu			
				, ,			
S 2011	EE360S	RABAEY	DIGITAL INTEGRATED CIRCUITS	2	2003	Prentice Hall	35
S 2010	EE360S	KANG	CMOS DIGITAL INTEGRATED CIRCUITS	3	2003	McGraw-Hill	30
S 2010	EE360S	RABAEY	DIGITAL INTEGRATED CIRCUITS	2	2003	Prentice Hall	
David Pan							
			Email	dpan@ece.utexas.edu			
				, ,			
F 2010	EE360R	WESTE	PRINCIPLES OF CMOS VLSI DESIGN	4	2011	Addison-Wesley	42
S 2010	EE360R	WESTE	CMOS VLSI DESIGN	4	2010	Addison Wesley	24
Yale Patt							
			Email	patt@ece.utexas.edu			
				, ,			
S 2011	EE460N	CRAGON	COMPUTER ARCHITECTURE & IMPLEMENTATION		2000	Cambridge	87
S 2011	EE460N	HAMACHER	COMPUTER ORGANIZATION	5	2002	McGraw-Hill	
S 2011	EE460N	TANENBAUM	STRUCTURED COMPUTER ORGANIZATION	5	2005	Prentice Hall	
John Pearce							
			Email	pearce@ece.utexas.edu			
			Research Areas	biomedical enigneering, electromagnetic fields,			
F 2010	EE374K	WEBSTER	MEDICAL INSTRUMENTATION: APPS & DESIGN	4	2010	Wiley	28

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Semester	Course #						Enroll
Dewayne Perry							
Email perry@ece.utexas.edu							
, ,							
F 2010	EE360F	BROOKS	MYTHICAL MAN-MONTH		1975	Addison-Wesley	47
Theodore Rappaport							
Email wireless@mail.utexas.edu							
, ,							
F 2010	EE360K	COUCH	DIGITAL & ANALOG COMMUNICATION SYSTEMS	7	2007	Prentice Hall	54
L. Frank Register							
Email register@mer.utexas.edu							
, ,							
S 2011	EE396K	HESS	ADVANCED THEORY OF SEMICONDUCTOR DEVICES		1988	Prentice Hall	24
Surya Santoso							
Email ssantoso@ece.utexas.edu							
, ,							
S 2011	EE368L	GLOVER	POWER SYSTEM ANALYSIS & DESIGN	4	2008	Cengage	0
S 2011	EE394L	GLOVER	POWER SYSTEM ANALYSIS & DESIGN	4	2008	Cengage	6
S 2010	EE368L	GLOVER	POWER SYSTEM ANALYSIS & DESIGN	4	2008	Cengage	20
Sanjay Shakkottai							
Email shakkott@ece.utexas.edu							
, ,							
S 2011	EE351K	BERTSEKAS	INTRO TO PROBABILITY	2	2009	Athena	104
S 2011	EE381K	COVER	ELEMENTS OF INFORMATION THEORY	2	2006	Wiley	31
S 2010	EE351K	BERTSEKAS	INTRO TO PROBABILITY	2	2009	Athena	126
Streetman							
Email bstreet@ece.utexas.edu							
, ,							
S 2010	EE339	STREETMAN	SOLID STATE ELECTRONIC DEVICES	6	2006	Prentice Hall	120
Nur Toubia							
Email toubia@ece.utexas.edu							
, ,							
F 2010	EE360M	ROTH	DIGITAL SYSTEMS DESIGN USING VHDL	2	2008	Cengage	47
S 2010	EE382M	WANG	VLSI TESTING PRINCIPLES & ARCHITECTURE		2007	Morgan Kaufmann	39
Tutoc							
, ,							
S 2011	EE334K	EISBERG	QUANTUM PHYSICS OF ATOMS,MOLECULES,ETC	2	1985	Wiley	3
S 2011	EE334K	MCKELVEY	SOLID STATE PHYS FOR ENGR & MATERIALS SCIENCE		1993	Krieger	
S 2010	EE334K	EISBERG	QUANTUM PHYSICS OF ATOMS,MOLECULES,ETC	2	1985	Wiley	6
Jonathan Valvano							
Email valvano@ece.utexas.edu							
Research Areas biomedical instrumentation, ,							
S 2011	EE345M	VALVANO	EMBEDDED MICROCOMPUTER SYSTEMS	2	2006	Cengage	53
F 2010	EE445L	VALVANO	EMBEDDED MICROCOMPUTER SYSTEMS	2	2006	Cengage	80
F 2010	EE445S	TRETTTER	COMMUNICATION SYS DESIGN W/ DSP ALGORITHMS		2003	Kluwer	
S 2010	EE319K	VALVANO	INTRODUCTION TO EMBEDDED SYSTEMS	2	2010	Cengage	147
S 2010	EE345M	VALVANO	EMBEDDED MICROCOMPUTER SYSTEMS	2	2006	Cengage	46
Vikalo							
Email hvikalo@ece.utexas.edu							
, ,							
S 2011	EE351M	OPPENHEIM	DISCRETE-TIME SIGNAL PROCESSING	3	2010	Prentice Hall	38
S 2010	EE351M	OPPENHEIM	DISCRETE-TIME SIGNAL PROCESSING	3	2010	Prentice Hall	32

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Semester	Course #					Enroll
Voloch						
			, ,			
F 2010	EE381V	ROTH	INTRODUCTION TO CODING THEORY	2006	Cambridge	11
Yerraballi			Email ramesh@mail.utexas.edu			
			, ,			
S 2010	EE306	PATT/PATEL	INTRODUCTION TO COMPUTING SYSTEMS	2	2004 McGraw-Hill	70
Yilmaz			Email ayilmaz@mail.utexas.edu			
			, ,			
S 2011	EE383V	JIN	FINITE ELEMENT METHOD IN ELECTROMAGNETICS	2	2002 Wiley	0
F 2010	EE325	HAYT	ENGINEERING ELECTROMAGNETICS	7	2006 McGraw-Hill	120
F 2010	EE325	SCHAUM	ELECTROMAGNETICS	2	1993 McGraw-Hill	