

ECE Teaching Assignment

ECE Teaching Assignments Fall 2012 & Winter 2013

Catalog Nbr	Course Name	# secs in Fall 2012	Instructor(s)	# secs in Win 2013	Instructor(s)	Terms	W10	F10	W11	F11	W12	Cross-listed course
							Enr'l	Enr'l	Enr'l	Enr'l	Enr'l	
100	Engin 100	2	Fessler & Phillips	2	Yagle & Norris							
250	UARTS 250			1	Nees							
215	Intro to Elect Circ	2	Terry & Wentzloff	1	Hofmann & Blaauw	I, II	111	185	105	171	105	
216	Intro Signals&Syst	2	Yagle & Yagle	2	Wakefield & Winick	I, II	134	101	156	81	135	
230	EMAG I	2	Ulaby & Ulaby	2	Rand	I, II	83	134	83	123	63	
311	Elect Circuits	1	Lahiji	1	Rais-Zadeh	I, II	25	47	32	41	40	
312	Digit Integrat Circ	1	Sylvester	1	Zhang	I, II	49	21	58	55	50	
314	Elec Ckts, Sys&Appl	1	Ganago	1	Ganago	I, II	164	211	162	174	151	
320	Intr Semicon Devices	2	Ku, Guo	1	Bhattacharya, Guo	I, II	77	104	84	110	84	
330	Emag II	1	Jarrahi	1	Mortazawi	I, II	13	25	20	11	15	
334	Prin of Optics	1	Winful	1	Rand	I, II	12	20	18	17	39	
401	Prob Methods Eng	1	Liu	1	Stark	I, II	81	45	76	56	82	
406	High-Tech Entrep					I	n/a	n/a	n/a	51	n/a	ENGR 406
410	Patent Fund Eng				Islam	I alt yrs	n/a	n/a	n/a	n/a	18	ENGR 410
411	M-Wave Circ I	1	Mortazawi			I	n/a	23	n/a	39	n/a	
413	Monolith Ampl Circ	1	Flynn			I	n/a	47	n/a	67	n/a	
414	Intro to MEMS	1	Rais-Zadeh			I	n/a	48	n/a	42	n/a	
418	Power Electronics	1	Rivas				n/a	n/a	n/a	41	n/a	
419	Elec Mach and Drives			1	Hofmann		n/a	n/a	24	n/a	31	
420	Phys Princ Smart Dev	1	Zhong			I	n/a	26	n/a	15	n/a	
421	Prop Transistors	1	Singh			I	n/a	21	n/a	24	n/a	
423	Sol State Dev Lab	1	Kanicki			I	n/a	14	n/a	13	n/a	
425	Integ Microsys Lab			1	Lahiji	II	16	n/a	19	n/a	27	
427	VLSI Design I	1	Zhang	1	Mazumder	I, II	n/a	58	9	53	30	
429	Semi Optoelec Dev			1	Ku	II	11	n/a	15	n/a	18	
430	Radiowave Prop			1	Gilchrist	II	26	n/a	32	n/a	20	AOSS 431
434	Princ Photon	1	Carmon			I	n/a	15	n/a	11	n/a	
438	Lasers Lab			1	Galvanauskas	II	3	n/a	12	n/a	15	
442	Computer Vision	1	Savarese				n/a	53	n/a	47	n/a	
451	Dig Sig Proc	1	Wakefield	1	Yagle	I, II	50	87	77	104	109	
452	DSP Design Lab	1	Hero	1	Brehob	I, II	36	31	41	26	41	
455	Digital Comm Signal	1	Stark	1		I	n/a	26	n/a	42	n/a	
460	Con Sys Anlys&Des	1	Meerkov	1	Meerkov	I, II	53	45	63	57	47	
461	Embedded Control	1	Freudenberg	1	Cook	I, II	46	47	57	53	70	
463	Power Sys Deg&Oper						n/a	n/a	n/a	37	n/a	
498	Special Topics	1	Revzen									
498	Special Topics			1	Nadakuditi							
498	Special Topics			1	Hiskens							
501	Prob&Random Proc	1	Teneketzis	1	Ramani	I, II	35	59	39	110	52	
502	Stoch Processes			2	Teneketzis	II alt yrs	16	n/a	24	n/a	22	
503	Intro Num Em					I	n/a	20	n/a	n/a	n/a	
509	BioMEMS			1	Yoon							
511	A/D Interfaces			1	Flynn	II	30	n/a	n/a	n/a	50	
512	Amorph Sem					I	n/a	17	n/a	18	n/a	
513	Flat Pan Displ			1	Kanicki	Ii	n/a	n/a	16	n/a	16	
514	Advanced MEMS	1	Gianchandani			I	22	n/a	16	n/a	n/a	
515	Integ Microsystems					II	n/a	n/a	n/a	22	n/a	
517	Phys Proc in Plas	1	Kushner			II even	n/a	22	n/a	12	n/a	NERS 578
520	Elect Opt Semicon					II	18	n/a	16	n/a	19	
521	High-Speed Trans			1		II	7	n/a	7	n/a	n/a	
522	Analog Integr Ckt			1	Wentzloff	Ii	24	n/a	30	n/a	48	
523	Digital Integ Tech	1	Sylvester			II	n/a	51	n/a	50	n/a	
525	Adv SS M-Wave Cir					I	14	n/a	9	n/a	25	
528	M-Elec Proc Tech				Lu	II	15	n/a	18	n/a	24	
529	Semi Las & Leds	1	Bhattacharya			I	n/a	17	n/a	16	n/a	
530	Electromag Thry I	1	Sarabandi			I	n/a	32	n/a	27	n/a	APPPHYS 530
531	Antenna Thry&Des			1	Michielssen	II	35	n/a	n/a	n/a	n/a	
532	M-Wave Rem Sens I	1	England- cancelled			I odd	n/a	6	n/a	16	n/a	AOSS 587
533	Mw Meas Lab			1	Sarabandi	II	n/a	n/a	19	n/a	n/a	
534	MW Device/IC					I odd	n/a	n/a	n/a	n/a	n/a	
535	Optical Info Proc.					I even	n/a	n/a	n/a	n/a	n/a	
536	Classical Stat'l Optics					I odd	n/a	n/a	n/a	n/a	n/a	
537	Classical Optics	1	Norris			I	n/a	39	n/a	25	n/a	APPPHYS 537
538	Opt Wave Crystals	1	Galvanauskas			I	n/a	18	n/a	15	n/a	APPPHYS 550, PHYSICS 650
539	Lasers			1	Carmon	II	13	n/a	17	n/a	16	PHYSICS 651, APPPHYS 551
540	Appl Quant Mech I	1	Lu			I	n/a	28	n/a	31	n/a	APPPHYS 540
541	Appl Qntm Mech II			1	Steel	II	17	n/a	17	n/a	19	APPPHYS 541
542	Vision Processing					alt yrs	n/a	n/a	n/a	n/a	n/a	
545	Machine Learning					II	n/a	n/a	55	47	55	
546	Ultrafast Optics					II	25	n/a	n/a	n/a	18	APPPHYS 546
550	Informatn Theory	1	Pradhan			I	n/a	15	n/a	16	n/a	

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											, Jan 13	
551	Math Meth Sig Proc	1	Nadakuditi			I	n/a	44	n/a	79	n/a	
552	Fib Opt:Intrnt Biomed				Islam	II odd	n/a	n/a	8	n/a	n/a	APPPHYS 552
554	Dig Comm&Codes	1	Anastasopoulos			I	n/a	27	n/a	41	n/a	
555	Digital Comm Thry			1	Stark	II	12	n/a	13	n/a	19	
556	Image Processing			1	Fessler	II	53	n/a	36	n/a	62	
557	Communication Net			1	Liu	I	18	n/a	13	n/a	27	
558	Stochastic Contrl Advanced Signal Proc.					I odd	n/a	n/a	n/a	33	n/a	
559	Linear Systems	1	Tilbury (ME)	1	Mech. Engin.	I	n/a	107	n/a	132	n/a	AEROSP 550, MECHENG 564
562	NI Sys&Con			1	Revzen	II	50	n/a	39	n/a	72	AEROSP 551
564	Estim, Filter&Detect			1	Hero	II	36	n/a	31	n/a	54	
565	Lin Feedback Control Discrete Event Systems			1	Freudenberg	II	40	n/a	53	n/a	70	AEROSP 580
566		1	Lafortune			I II alt yrs	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a 23	n/a n/a n/a	
569	Prod Syst Eng Special Topics in EECS	1	Hiskens									
598	Special Topics in EECS	1	Pradhan									
598	Special Topics in EECS	1	Michielssen									
598	Special Topics in EECS			1	Dick							
598	Special Topics in EECS			1	Rivas							
598	Special Topics in EECS			1	Zhong							
598	Special Topics in EECS			1	Phillips							
598	Special Topics in EECS			1	Jarrahi							
598	Special Topics in EECS			1	Kushner							
598	Special Topics in EECS			1	Savarese							
600	Func Meth Sys Thry			1	Balzano	II	n/a	n/a	n/a	n/a	n/a	IOE 600
627	VLSI Design II			1	Sylvester	II	19	n/a	28	n/a	38	
628	Adv Hi Perf VLSI	1	Papaefthymiou			I alt yrs	n/a	19	n/a	n/a	n/a	
631	EM Scattering					alt yrs	n/a	n/a	n/a	n/a	n/a	
632	M-Wav Rem Sens II					II even	n/a	n/a	n/a	12	n/a	
633	Numericall Meth's EM					alt yrs	n/a	n/a	n/a	n/a	n/a	
634	Nonlinear Optics					I	n/a	11	n/a	14	n/a	APPPHYS 611, PHYSICS 611
650	Chanel Coding Thry					II alt yrs	5	n/a	n/a	5	n/a	
651	Source Code Thry			1	Neuhoff	II odd	n/a	15	n/a	n/a	n/a	
659	Adapt Signal Proc					I odd	n/a	n/a	n/a	12	n/a	
662	Adv NI Cont					II	n/a	n/a	n/a	n/a	n/a	MECHENG 662

We are not home department for below winter courses. Cross-listed Course

250	Electronic Sensing Systems	NAVARCH 202
417	Electrical Biophysics Biomedical Instrumentation and Design	BIOMEDE 417 BIOMEDE 458
458	Medical Imaging Systems	BIOMEDE 516
516	Magnetosphere and Solar Wind	AOSS 595
518	Plasma Generation and Diagnostics	NERS 575
519	Laboratory Design of Digital Control Systems	MECHENG 561
561	Introduction to Robotics	MFG 567, MECHENG 567
567	Quantum Theory of Light	APPPHYS 609, PHYSICS 542
638		