

ECE Course Assignments, Fall 2014 & Winter 2015

5/23/2016

Catalog Nbr	Course Name	sec's		# sec's		catalog term	
		Fall 14		Win 15		listing	Cross-listing
100	Engin 100	3	Fessler, Guo, Stark	1	Yagle		
250	UARTS 250			1	Winful		
390	Engin 390	1	Singh				
500	Robotics 500	1	Grizzle				
203	Discrete Math			1	Scott		
370	Intro Comp Org			1	Dick		
215	Intro to Elect Circ	2	Wentzloff, Dick	1	Terry	I, II	
216	Intro Signals&Syst	2	Yagle, Yagle	2	Grizzle, Anastasopoulos	I, II	
230	EMAG I	2	Lee & Michielssen	1	Winful	I, II	
301	Prob Methods Eng	1	Stark	1	Pradhan	I, II	
311	Elect Circuits	1	Lahiji	1	Peterson	I, II	
312	Digit Integrat Circ	1	Sylvester	1	TBD	I, II	
314	Elec Ckts, Sys&Appl	1	Ganago	1	Ganago	I, II	
320	Intr Semicon Devices	2	Singh, Lu	2	Ku, Phillips	I, II	
330	Emag II	1	Ulaby	1	Mortazawi	I, II	
334	Prin of Optics	1	Rand	1	Willingale, Nees	I, II	
401	Prob Methods Eng					I, II	
406	High-Tech Entrep					I	ENGR 406
410	Patent Fund Eng			1	Islam	I alt yrs	ENGR 410
411	M-Wave Circ I	1	Mortazawi			I	
413	Monolith Ampl Circ	1	Flynn			I	
414	Intro to MEMS	1	Yoon			I	
418	Power Electronics	1	Hofmann				
419	Elec Mach and Drives			1	Hofmann		
421	Prop-Transistors	1	Ku			I	
423	Sol State Dev Lab	1	Kanicki			I	
425	Integ Microsys Lab			1	Lahiji	II	
427	VLSI Design I	1	Zhang	1	Mazumder	I, II	
429	Semi Optoelec Dev			1	Bhattacharya	II	
430	Radiowave Prop			1	Gilchrist	II	AOSS 431
434	Princ Photon	1	Islam			I	
438	Lasers Lab			1	Galvanauskas	II	
442	Computer Vision Intro Machine Learning	1	Johnson-Roberson (NAME)				
451	Dig Sig Proc	1	Balzano	1	Yagle	I, II	
452	DSP Design Lab	1	Hero & Wakefield	1	Wakefield	I, II	
453	App Matr for SP	1	Nadakuditi				
455	Digital Comm Signal	1	Winick			I	
460	Con Sys Anlys&Des	1	Ozay	1	Meerkov	I, II	
461	Embedded Control	1	Freudenberg	1	Cook	I, II	
463	Power Sys Deg&Oper						
498	Special Topics	1	Revzen (hands on robotics)	1	Mathieu (integration of renewables)	I,II	
500	Tutorial lec sys sci	1	Nadakuditi				
501	Prob&Random Proc	1	Teneketzis	1	Winick	I, II	
502	Stoch Processes					II alt yrs	
503	Intro Num Em			1	Tsang	I	
509	BioMEMS						
510	RF MEMS	1	Rais-Zadeh				
511	A/D Interfaces					II	
512	Amorph Sem			1	Kanicki	I	
513	Flat Pan Displ					II	
514	Advanced MEMS			1	Gianchandani	II	
515	Integ Microsystems					I	
517	Phys Proc in Plas	1	Kushner			II even	NERS 578
520	Solid State Physics	1	Zhong			II	
521	Solid State Devices			1	Lu	II	
522	Analog Integr Ckt			1	Flynn & Wentzloff	II	
523	Digital Integ Tech	1	Lahiji			II	
525	Adv SS M-Wave Cir					I	
528	M-Elec Proc Tech			1	Guo	II	
529	Semi Las & Leds	1	Bhattacharya			I	
530	Electromag Thry I	1	Sarabandi			I	APPPHYS 530
531	Antenna Thry&Des			1	Grbic	II	
532	M-Wave Rem Sens I					I odd	AOSS 587
533	Mw Meas Lab			1	Sarabandi	II	
534	MW Device/IC					I odd	
535	Optical Info Proc.					I even	
536	Classical Stat'l Optics					I odd	
537	Classical Optics	1	Norris			I	APPPHYS 537
538	Opt Wave Crystals	1	Winful			I	APPPHYS 550, PHYSICS 650
539	Lasers			1	Galvanauskas	II	PHYSICS 651, APPPHYS 551
540	Appl Quant Mech I	1	Steel			I	APPPHYS 540
541	Appl Qntm Mech II			1	Steel	II	APPPHYS 541
542	Vision Processing					alt yrs	
545	Machine Learning	1	Scott			II	
546	Ultrafast Optics					II	APPPHYS 546
550	Information Theory	1	Pradhan			I	
551	Math Meth Sig Proc	1	Nadakuditi			I	
552	Fib Opt-Intrnt Biomed Thy Practice Data Comp			1	Islam	II odd	APPPHYS 552
553	Comp			1	Neuhoff	II odd	
554	Dig Comm&Codes	1	Anastasopoulos			I	
555	Digital Comm Thry			1	Anastasopoulos	II	
556	Image Processing			1	Fessler	II	
557	Communication Net			1	Subramanian	I	
558	Stochastic Contrl					I odd	
559	Advanced Signal Proc.					I	
560	Linear Systems	1	Gillespie (ME)	1	Ozay	I	AEROSP 550, MECHENG 564
562	NI Sys&Con			1	Revzen	II	AEROSP 551

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564	Estim, Filter&Detect			1	Hero	II	
565	Lin Feedback Control			1	Freudenberg	II	AEROSP 580
566	Systems	1	Lafortune			I	
569	Prod Syst Eng					II alt yrs	
598	Special Topics in EECS	1	Peterson (power semicond devices)	1	thy)		
598	Special Topics in EECS	1	Mathieu (dist sys & loads)	1	Lee, plasmonics		
			Subramanian (prob anal lge				
598	Special Topics in EECS	1	se sys)	1	Flynn & Wentzloff		
598	Special Topics in EECS	1	Corso (comp vision)	1	Dick (embedded systems)		
598	Special Topics in EECS	1	diagn)	1	Corso		
598	Special Topics in EECS			1	Lafortune		
600	Func Meth Sys Thry	1	Balzano			II	IOE 600
620	Elect Opt Semicon			1	Singh	I	
627	VLSI Design II			1	Sylvester	II	
628	Adv Hi Perf VLSI	1	Blaauw			I alt yrs	
631	EM Scattering					alt yrs	
632	M-Wav Rem Sens II	1	Ulaby			II even	
633	Numerical Meth's EM					alt yrs	
634	Nonlinear Optics					I	APPPHYS 611, PHYSICS 611
638	Quant Thy Light				Rand		APPPHYS 609, PHYSICS 542
650	Chanel Coding Thry					II alt yrs	
659	Adapt Signal Proc			1	Nadakuditi	I odd	
662	Adv NI Cont	1	Meerkov			II	MECHENG 662
730	Spec'l topics EM						
755	Spec'l topics Sig Proc						