

Course Nbr	Course Name	# sec's Fall 17	Instructor(s)	# sec's Win 18	Instructor(s)	usual term(s)
100	Engin 100	2	Terry and Zhong	2	Dick & Liu	
250	UARTS 250			1		
390	Engin 390					
501	Robotics 501		Grizzle			
550	Robotics 550		Revzen			
203	Discrete Math					
370	Intro Comp Org					
373	Design Microproc Sys	1	Dick			I, II
215	Intro to Elect Circ	2	Finelli and Lahiji	2	Ulaby and Ulaby	I, II
216	Intro Signals&Syst	2	Anastasopoulos and Anastasopoulos	2	Finelli and Winick	I, II
230	EMAG I	2	Grbic and Lee	2	Kushner and Rand	I, II
301	Prob Methods Eng	1	Subramanian	1	Mahdivifar	I, II
311	Elect Circuits	1	Lahiji	1	Peterson	I, II
312	Digit Integrat Circ	1	Sylvester	1	Zhang	I, II
314	Elec Ckts, Sys&Appl	1	Ganago	1	Ganago	I, II
320	Intr Semicon Devices	2	Guo, Bhattacharya	1	Ku	I, II
330	Emag II			1	Tsang	I, II
334	Prin of Optics	1	Deotare	1	Steel	I, II
351	Dig Sig Proc	1	Balzano	1	Pilanci	I, II
398	Special Topics in EECS			1	Stark (Information Systems)	
406	High-Tech Entrep					
410	Patent Fund Eng			1	Islam	
411	M-Wave Circ I	1	Mortazawi			I
413	Monolith Ampl Circ	1	Afshari			I
414	Intro to MEMS	1	Yoon			I
418	Power Electronics	1	Avestruz			
419	Elec Mach and Drives			1	Hofmann	
421	Prop-Transistors	1	Phillips			I
423	Sol State Dev Lab	1	Kanicki			I
425	Integ Microsys Lab			1	Yoon	II
427	VLSI Design I	1	Zhang	1	Mazumder	I, II
429	Semi Optoelec Dev			1	Bhattacharya	II
430	Radiowave Prop			1	Gilchrist	II
434	Princ Photon	1	Rand			I
438	Lasers Lab	1	Deotare	1	Galvanauskas	II
442	Computer Vision	1	TBD			I
445	Intro Machine Learning					
452	DSP Design Lab	1	Wakefield	1	Kim	I, II
453	App Matr for SP			1	Nadakuditi	
455	Digital Comm Signal	1	Stark			I
460	Con Sys Anlys&Des	1	TBD	1	Ozay	I, II
461	Embedded Control	1	Freudenberg	1	Cook	I, II
463	Power Sys Deg&Oper	1	Hiskens			
464	Hands-on Robotics			1	Revzen	II
498	Special Topics	1	Berenson (intro algorithmic robotics)			I,II
498	Special Topics		Steel (quantum)	1	Willingale (MDP)	I,II
500	Tutorial lec sys sci					
501	Prob&Random Proc	1	Pradhan	1	Anastasopoulos	I, II
502	Stoch Processes			1	Teneketzi	II
503	Intro Num Em			1	Michielssen	
504	Fnd Computer Vision				Corso	I
509	BioMEMS					
510	RF MEMS					
511	A/D Interfaces			1	Flynn	II
512	Amorph Sem			1	Kanicki	II
513	Flat Pan Displ					II
514	Advanced MEMS					
515	Integ Microsystems			1	Gianchandani	
517	Phys Proc in Plas	1	Kushner			I
520	Solid State Physics	1	Zhong			I

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521	Solid State Devices			1	Lu	II
522	Analog Integr Ckt			1	Wentzloff	II
523	Digital Integ Tech	1	Kanicki			I
525	Adv SS M-Wave Cir			1	Mortazawi	II
526	Plasmonics			1	Lee	
528	M-Elec Proc Tech			1	Guo	II
529	Semi Las & Leds	1	Ku			I
530	Electromag Thry I	1	Sarabandi			I
531	Antenna Thry&Des			1	Grbic	
532	M-Wave Rem Sens I					
533	Mw Meas Lab					II
534	MW Device/IC					
535	Optical Info Proc.					
536	Classical Stat'l Optics					
537	Classical Optics	1	Norris			I
538	Opt Wave Crystals	1	Winful			I
539	Lasers			1	Galvanauskas	II
540	Appl Quant Mech I	1	Kira			I
541	Appl Qntm Mech II			1	Steel	II
542	Vision Processing					II
545	Machine Learning	1	Pilanci			I
546	Ultrafast Optics			1	Norris	II
550	Information Theory	1	Pradhan			I
551	Math Meth Sig Proc	1	Fessler	1	Nadakuditi	I
552	Fib Opt:Intrnt Biomd	1	Islam			
553	Thy Practice Data Comp					II odd
554	Dig Comm&Codes	1	Mahdavifar			I
555	Digital Comm Thry			1	Stark	II
556	Image Processing			1	Fessler	II
557	Communication Net			1	Subramanian	II
558	Stochastic Contrl	1	Teneketzis			I odd
559	Advanced Signal Proc.					
560	Linear Systems	1	Ozay	1	Tilbury (ME)	I, II
562	NI Sys&Con			1	Panagou (Aero)	II
564	Estim, Filter&Detect			1	Scott	II
565	Lin Feedback Control			1	Freudenberg	II
566	Discrete Event Systems					I alt yrs
569	Prod Syst Eng			1	Meerkov	II alt yrs
598	Special Topics in EECS	1	Kim (VLSI for com, sp)	1	Kira	
598	Special Topics in EECS			1	Afshari	
598	Special Topics in EECS	1	Hiskens (Pow sys dynmcs & contr)	1	Avestruz (Model & Contr in Pow Elect)	
598	Special Topics in EECS	1	Peterson (beyond CMOS)	1	Mathieu (Pow Sys Mrkts & Optmztn)	
598	Special Topics in EECS	1	Mi (solar fuels and integrated photonics)	1	Balzano (optimization for SP, ML)	
598	Special Topics in EECS	1	Willingale	1	Sylvester	
598	Special Topics in EECS	1	Hero (random graphs)	1	Berenson (motion planning)	
598	Special Topics in EECS			1	Forrest (organic electronics)	
600	Func Meth Sys Thry					
620	Elect Opt Semicon			1	Mi	II
627	VLSI Design II			1	Blaauw	II
628	Adv Hi Perf VLSI					I alt yrs
631	EM Scattering					
632	M-Wav Rem Sens II					II even
633	Numerical Meth's EM	1	Tsang			alt yrs
634	Nonlinear Optics			1		
638	Quant Thy Light			1	Physics	II
650	Chanel Coding Thry					
659	Adapt Signal Proc					
662	Adv NI Cont					
730	Spec'l topics EM			1	Sarabandi	
755	Spec'l topics Sig Proc					