

Note: Changes to classes offered and instructors assigned may happen later.

Catalog Nbr	Course Name	# sec's Fall 17	Instructor(s)	# sec's Win 18	Instructor(s)	usual term(s)
100	Engin 100	2	Sarabi (drones) & Ku (drones)	2	Wentzloff (drones) & Nadakuditi (drones)	
250	UARTS 250					
390	Engin 390					
501	Robotics 501	1	Grizzle			
550	Robotics 550	1	Revzen			
601	EER 601	1	Finelli			
203	Discrete Math					
370	Intro Comp Org					
373	Design Microproc Sys					
2XX	New lab/design class			1	Phillips	
215	Intro to Elect Circ	2	Phillips & Hofmann	2	Terry & Zhang	I, II
216	Intro Signals&Syst	2	Anastasopoulos & Anastasopoulos	2	Lafortune & Subramanian	I, II
230	EMAG I	2	Lee & Rand	2	Kushner & Willingale	I, II
301	Prob Methods Eng	1	Stark	1	Mahdavifar	I, II
311	Elect Circuits	1	Flynn	1	Peterson	I, II
312	Digit Integrat Circ	1	Kim	1	Blaauw	I, II
314	Elec Ckts, Sys&Appl	1	Ganago	1	Ganago	I, II
320	Intr Semicon Devices	1	Forrest	2	Zhong & Ku	I, II
330	Emag II	1	Tsang	1	Michielssen	I, II
334	Prin of Optics	1	Deotare	1	Steel	I, II
351	Dig Sig Proc	1	Yagle	1	Balzano	I, II
398	Special Topics in EECS					
406	High-Tech Entrep					
410	Patent Fund Eng					
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	Ahmadi			I
423	Sol State Dev Lab	1	Kanicki			I
425	Integ Microsys Lab			1	Yoon	II
427	VLSI Design I	1	Sylvester	1	Mazumder	I, II
428	Intro Quantum Nanotech	1	Steel			
429	Semi Optoelec Dev			1	Bhattacharya	II
430	Radiowave Prop			1	Gilchrist	II
434	Princ Photon	1	Islam			I
438	Lasers Lab	1	Deotare	1	Galvanauskas	II
442	Computer Vision	1	Corso			I
444	Analysis Societal Network	1	Subramanian			
445	Intro Machine Learning					
452	DSP Design Lab	1	Wakefield	1	Kim	I, II
453	App Matr for SP	1		1		
455	Digital Comm Signal	1	Stark			I
460	Con Sys Anlys&Des	1	Meerkov	1	Meerkov	I, II
461	Embedded Control	1	Freudenberg	1	Cook	I, II
463	Power Sys Deg&Oper	1	Mathieu			
464	Hands-on Robotics			1	Revzen	II
498	Special Topics	1	Berenson (intro algorithmic robotics)	1	Guo (multidisc design)	
498	Special Topics			1	Hiskens (grid integration of renew'le generat'n)	
500	Tutorial lec sys sci					
501	Prob&Random Proc	2	Teneketzis & Pradhan	1	Anastasopoulos	I, II
502	Stoch Processes			1	Teneketzis	II
503	Intro Num Em					
504	Fnd Computer Vision	1	Corso			I, II
509	BioMEMS					
510	RF MEMS					
511	A/D Interfaces					II
512	Amorph Sem			1	Kanicki	II
513	Flat Pan Displ					II
514	Advanced MEMS			1	Gianchandani	
515	Integ Microsystems					
517	Phys Proc in Plas					I
520	Solid State Physics	1	Zhong			I
521	Solid State Devices			1	Lu	II
522	Analog Integr Ckt			1	Afshari	II
523	Digital Integ Tech	1	Kanicki			I
525	Adv SS M-Wave Cir			1	Mortazawi	II

Catalog		# sec's Fall	Instructor(s)	# sec's Win 18	Instructor(s)	usual term(s)
526	Plasmonics			1	Lee	
528	M-Elec Proc Tech			1	Guo	II
529	Semi Las & Leds	1	Bhattacharya			I
530	Electromag Thry I	1	Sarabandi			I
531	Antenna Thry&Des			1	Grbic	
532	M-Wave Rem Sens I					
533	Mw Meas Lab			1	Sarabandi	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	Adv. Top. Comp. Vis.					II
544	Analysis Sci. Networks	1	Subramanian			1
545	Machine Learning	2	Scott, Yasaie Sekeh			I
546	Ultrafast Optics					II
550	Information Theory	1	Pradhan			I
551	Math Meth Sig Proc	1	Fessler			I
552	Fib Opt:Intrnt Biomd			1	Islam	
553	Thy Practice Data Comp					II odd
554	Dig Comm&Codes	1	Winick			I
555	Digital Comm Thry			1	Stark	II
556	Image Processing			1	Fessler	II
557	Communication Net			1	Liu	II
558	Stochastic Contrl					I odd
559	Advanced Signal Proc.					
560	Linear Systems	1	Gillespie (aero)	1	Ozay	I, II
562	NI Sys&Con			1	Panagou	II
563	Hybr Sys, Anal, Contrl	1	Ozay			
564	Estim, Filter&Detect			1	Hero	II
565	Lin Feedback Control			1	Freudenberg	II
566	Discrete Event Systems	1	Lafortune			I alt yrs
569	Prod Syst Eng			1	Meerkov	II alt yrs
598	Special Topics in EECS	1	Kushner (plasma chem & surf interactions)	1	Berenson (motion planning)	
598	Special Topics in EECS	1	Grbic (metamaterials)	1	Pradhan (quantum info thy)	
598	Special Topics in EECS	1	Peterson (power semicond devices)	1	Kira (quantum optoelectronics)	
598	Special Topics in EECS	1	Mi (UV photonics & solar fuels)	1	Ahmadi (GaN-based electronic devices)	
598	Special Topics in EECS	1	Hiskens (adv pow sys anal)	1	Avestruz (desgn & adv topics pow electr'cs)	
598	Special Topics in EECS	1	Nadakuditi (data science)	1	Mathieu (distribution systems)	
598	Special Topics in EECS	1	Zhang (comp hrdwre dsgn for mach learn'g & applications)	1	Scott (statistical machine learning)	
598	Special Topics in EECS			1	Dick (embedded intelligence in IoT)	
598	Special Topics in EECS			1	Flynn (Adv topics analog/RF design)	
598	Special Topics in EECS			1	Forrest (organic electronics)	
600	Func Meth Sys Thry	1	Balzano			
620	Elect Opt Semicon			1	Mi	II
627	VLSI Design II			1	Sylvester	II
628	Adv Hi Perf VLSI	1	Blaauw			I alt yrs
631	EM Scattering					
632	M-Wav Rem Sens II					
633	Numerical Meth's EM					
634	Nonlinear Optics			1	Winful	II
638	Quant Thy Light			1	Rand	II
650	Chanel Coding Thry	1	Mahdavifar			
659	Adapt Signal Proc					
662	Adv NI Cont					
730	Spec'l topics EM			1	Tsang	
755	Spec'l topics Sig Proc					