



### Electrical & Computer Engineering – Courses Offered Spring 2009

Status	Specialization/Core	Course #	Title	Instructor	Time & Date	Room #
	Core	ELEC 220	Fundamentals of Computer Engineering	Cavallaro, J.	01:00pm-02:20pm TR	DH 1070
New		ELEC 234	Technological Disasters	Kelly, K.	10:50am-12:05pm TR	AL B209
	Core	ELEC 242	Fundamentals Of Electrical Engineering II	Wise, J.D.	11:00am-11:50am MWF	DH 1070
		ELEC 243	Electronic Measurement Systems	Young, J.	09:25am-10:40am TR	DH 1064
	PN	ELEC 262	Introduction to Waves and Photonics	Mittleman, D	01:00pm-01:50pm MWF	DH 1075
New		ELEC 281	Chance in an Information World	Palem, K	10:50am-12:05pm TR	MART 101
	SYS	ELEC 302	Introduction To Systems	Antoulas, A.	10:00am-10:50am MWF	DH 1075
	CE	ELEC 322	Applied Algorithms and Data Structure	Wallach, D.	02:30pm-03:50pm TR	DH 1064
	CE	ELEC 327	Implementation of Digital Systems	Massoud, Y	09:25am-10:40am TR	AL A121
Returns	CE/PN	ELEC 342	Electronic Circuits	Woods, G	11:00am-11:50am MWF	DH 1075
	PN	ELEC 361	Quantum Mechanics for Engineers	Kono, J.	10:50am-12:05pm TR	AL A121
	Project	ELEC 391	Professional Issues in Electrical Engineering	Sinclair, B.	03:00pm-03:50pm W	DH 1070
New	ALL	ELEC 395	Transfer Credit – Junior	Staff	TBA	-
	CE	ELEC 421	Operating Systems and Concurrent Programming	Johnson, D.	10:50am-12:05pm TR	DH 1070
	CE	ELEC 429	Intro to Computer Networks	Ng, T. S.	01:00pm-02:20pm TR	DH 1042
Change Instructor	SYS	ELEC 430	Communication Theory and Systems	Sabharwal, A.	09:25am-10:40am TR	DH 1042
Change Instructor	SYS	ELEC 431	Digital Signal Processing	Orchard, M.	09:00am-9:50am MWF	DH 1075
	SYS	ELEC 433	Architecture for Wireless Communications	Hunter, C.	02:30pm-05:00pm T	AL A123
	SYS	ELEC 436	Fundamentals of Control Systems	Ghorbel, F.	11:00am-12:15pm MW	ME 128
	SYS	ELEC 438	Wireless Networking for Under-Resourced Urban Communities	Knightly, E.	03:00pm-05:00pm M	KH 105
	SYS	ELEC 482	Physiological Control Systems	Clark, J. W.	02:30pm-04:00pm TR	ML 251
	SYS	ELEC 486	Fundamentals of Medical Imaging II	Mawlawi, O.	04:00pm-07:00pm T	KH 101
	Project	ELEC 490	Electrical Engineering Projects	Staff	TBA	-
	Project	ELEC 494	Senior Design Laboratory	Wise, J.	TBA	-
New	ALL	ELEC 495	Transfer Credit – Senior	Staff	TBA	-
	SYS	ELEC 501	Approximation of Dynamical Systems	Antoulas, A	04:00pm-05:00pm MW	DH 1046
	SYS	ELEC 502	Neural Networks and Information Theory I	Merenyi, E.	02:30pm-03:50pm TR	KH 105

	CE	ELEC 514	Sustainability & Energy	Palem, K.	01:00pm-02:20pm TR	AL B209
New	CE	ELEC 518	Energy Efficiency in Modern Systems	Zhong, L.	01:00pm-02:20pm TR	HZ 117
	CE	ELEC 519	Network Systems Architecture	Shafer, J.	02:00pm-02:50pm MWF	DH 1046
	CE	ELEC 521	Embedded and High Performance Nanoscale Systems	Massoud, Y.	02:00pm-05:00pm W	AL A121
Returns	CE	ELEC 523	Computer-Aided Design for VLSI	Mohanram, K.	09:25am-10:40am TR	HB 423
	CE	ELEC 526	High-Performance Computer Architecture	Varman, P.	02:30pm-03:50pm TR	KH 107
	CE/SYS	ELEC 528	Embedded HW Systems Security	Koushanfar, F.	10:50am-12:05pm TR	KH 107
Change Instructor	SYS	ELEC 533	Introduction to Random Processes and Application	Johnson, D.	01:00pm-02:20pm TR	DH 1042
	SYS	ELEC 543	ADV Analog/Audio/Video Systems	Tran, T.	02:30pm-05:00pm R	MART 103
New	SYS	ELEC 544	Advanced DSP	Burrus, C.S.	10:00am-10:50am MWF	HZ 120
	PN	ELEC 564	Introduction to Solid-State Physics II	Nordlander, P.	02:30pm-03:50pm TR	HZ 120
	PN	ELEC 569	Ultrafast Optical Phenomena	Mittleman, D.	02:30pm-03:50pm TR	AL A121
		ELEC 590	Electrical Projects	Staff	TBA	-
		ELEC 599	First-Year Graduate Student Projects	Staff	TBA	-
		ELEC 603	Topics in Nanophotonics	Halas, N.	09:25am-11:30am T	DH 3076
		ELEC 631	Topics in Signal Processing	Baraniuk, R./ Boufounos, P.	02:00pm-5:00pm F	DH 1044
		ELEC 694	Future Personal Computing Technologies	Cutler, S.	10:00am-12:00pm W	DH 2014
		ELEC 695	Advanced Topics in Communications and Statistical Signal Processing	Aazhang, B.	10:50am-12:05pm TR	DH 2014
		ELEC 696	Computer Architecture Seminar	Mohanram, K. Varman, P.	03:00pm-04:00pm M	DH 1044
		ELEC 760	Baylor-Rice M.D./Ph.D. Program	TBA	TBA	-
		ELEC 800	Research and Thesis	Staff	TBA	-