

Electrical & Computer Engineering – Courses Offered Spring 2010

Status	Specialization/Core	Course #	Title	Instructor	Time & Date	Room #
New		ELEC 101	Elements of Electrical Engineering	Sabharwal, A. Zhong, L.	10:50am-12:05pm TR	AL A141
		ELEC 220	Fundamentals of Computer Engineering	Cavallaro, J.	01:00pm-02:20pm TR	HZ 210
		ELEC 234	Technological Disasters	Kelly, K.	10:50am-12:05pm TR	HUM 117
		ELEC 242	Fundamentals Of Electrical Engineering II	Wise, J.D.	11:00am-11:50am MWF	DH 1064
		ELEC 243	Electronic Measurement Systems	Young, J.	09:25am-10:40am TR	HZ 210
	PN	ELEC 262	Introduction to Waves and Photonics	Mittleman, D.	01:00pm-01:50pm MWF	ML 254
	SYS	ELEC 302	Introduction To Systems	Antoulas, A.	10:00am-10:50am MWF	DH 1042
	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
		ELEC 331	Applied Probability	Rojo, J.	02:30pm – 03:45pm TR	HZ 119
	SYS	ELEC 332	Systems Principles & Practice	Wise, J.D.	01:00pm-01:50pm MWF	KH 107
	PN	ELEC 342	Electronic Circuits	Woods, G.	11:00am-11:50am MWF	ME 128
New Instructor	PN	ELEC 361	Quantum Mechanics for Engineers	Xu, Q.	10:50am-12:05pm TR	AL A121
New		ELEC 394	Professional Issues and Project Management	Sinclair, B. Woods, G.	03:00pm-04:00pm MW	DH 1070
		ELEC 395	Transfer Credit – Junior	Staff	TBA	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
	CE	ELEC 430	Communication Theory and Systems	Aazhang, B.	09:25am-10:40am TR	DH 1042
New Instructor	SYS	ELEC 431	Digital Signal Processing	Davenport, M.	09:00am-9:50am MWF	DH 1075
	SYS	ELEC 433	Architecture for Wireless Communications	Hunter, C.	02:30pm-05:00pm T	AL A123
Return	SYS	ELEC 436	Fundamentals of Control Systems	Ghorbel, F.	11:00am-12:15pm MW	DH 1070
	SYS	ELEC 482	Physiological Control Systems	Clark, J. W.	02:30pm-04:00pm TR	GRB W211
		ELEC 486	Fundamentals of Medical Imaging II	Mawlawi, O.	04:00pm-07:00pm R	KH 101
		ELEC 490	Electrical Engineering Projects	Staff	TBA	TBA
		ELEC 494	Senior Design Laboratory	Woods, Gary	04:00pm-05:00pm W	OEDK 114
		ELEC 495	Transfer Credit – Senior	Staff	TBA	TBA
		ELEC 501	Approximation of Dynamical Systems	Antoulas, A.	04:00pm-05:00pm MW	DH 1042
		ELEC 502	Neural Networks and Information Theory I	Merenyi, E.	02:30pm-03:50pm TR	KH 105
		ELEC 518	Energy Efficiency in Modern Systems	Zhong, L.	01:00pm-02:20pm TR	HZ 120
		ELEC 520	Distributed Systems	Cox, Alan	02:30-03:50pm TR	DH 1046
		ELEC 521	Embedded and High Performance Nanoscale Systems	Massoud, Y.	02:00pm-05:00pm W	AL A121

	ELEC 523	Computer-Aided Design for VLSI	Mohanram, K.	09:25am-10:40am TR	HZ 120
	ELEC 526	High-Performance Computer Architecture	Varman, P.	02:30pm-03:50pm TR	KH 107
	ELEC 531	Statistical Signal Processing	Johnson, D.	01:00pm-02:20pm TR	KH 107
Return	ELEC 538	Advanced Topics in Computer Networking	Knightly, E.	03:00pm-04:20pm MW	DH 1046
	ELEC 544	Advanced DSP	Burrus, C.S.	10:00am-10:50am MWF	DH 1075
	ELEC 564	Introduction to Solid-State Physics II	Nordlander, P.	02:30pm-03:50pm TR	HZ 120
	ELEC 569	Ultrafast Optical Phenomena	Mittleman, D.	02:30pm-03:50pm TR	ML 254
Return	ELEC 571	Imaging At The Nanoscale	Kelly, K.	01:00pm-02:20pm TR	MART 101
New	ELEC 573	Optical Spectroscopy of Nanomaterials	Kono, J.	10:50am-12:05pm TR	DH 1064
	ELEC 590	Electrical Projects	Staff	TBA	TBA
	ELEC 599	First-Year Graduate Student Projects	Staff	TBA	TBA
	ELEC 603	Topics in Nanophotonics	Halas, N.	09:25am-10:50am W	DH 1049
	ELEC 631	Topics in Signal Processing	Baraniuk, R.	02:00pm-5:00pm F	DH 1044
	ELEC 694	Future Personal Computing Technologies	Cutler, S.	10:00am-11:30am W	DH 2014
	ELEC 696	Computer Architecture Seminar	Rlxner, S. Varman, P. Mohanram, K..	01:00pm-02:00pm M	HZ 120
	ELEC 760	Baylor-Rice M.D./Ph.D. Program	TBA	TBA	TBA
	ELEC 800	Research and Thesis	Staff	TBA	TBA