



## Electrical & Computer Engineering Courses offered Fall 2014



Status	Specialization Core/M&S	Course #	Description	Instructor	Time	Date
	Core	ELEC 241	FUND ELECTRICAL ENGINEERING I	Johnson, Don	11:00AM - 11:50AM	MWF
	M&S	ELEC 261	ELECTRONIC MATERIALS	Kelly, Kevin	01:00PM - 01:50PM	MWF
	Core	ELEC 301	SIGNALS AND SYSTEMS	Baraniuk, Richard	01:00PM - 02:15PM	TR
	M&S	ELEC 303	RANDOM SIGNALS	Orchard, Mike	09:25AM - 10:40AM	TR
	PN/SYS	ELEC 306	ELECTROMAGNETIC FIELDS AND DEVICES	Wise, J.D.	11:00AM - 11:50PM	MWF
	Core	ELEC 326	DIGITAL LOGIC DESIGN	TBA	10:50AM - 12:05PM	TR
	CE/NEURO/PN	ELEC 342	ANALOG ELECTRONIC CIRCUITS LAB	Babakhani, Aydin	02:30PM - 03:45PM	TR
	CE	ELEC 420	DESIGN/ANALYSIS OF ALGORITHMS	Palem, Krishna V. (CS)	10:50AM - 12:05PM	TR
	CE	ELEC 424	MOBILE & EMBEDDED SYSTEM	Zhong, Lin	10:50AM - 12:05PM	TR
	CE	ELEC 425	COMPUTER SYSTEMS ARCHITECTURE	Simar, Ray	02:00PM - 02:50PM	MWF
	CE	ELEC 427	ADV DIGITAL DESIGN & IMPLEMENT	Koushanfar, Farinaz	09:25AM - 10:40AM	TR
	CE	ELEC 429	INTRO TO COMPUTER NETWORKS	Ng, Tze Sing (CS)	02:30PM - 03:45PM	TR
	SYS	ELEC 435	ELECTROMECH DEVICES & SYSTEMS	Wise, J.D.	02:00PM - 02:50PM	MWF
	SYS	ELEC 437	INTRO TO COMMUNICATION NETWORK	Knightly, E.	03:00PM - 04:15PM	MW
		ELEC 440	ARTIFICIAL INTERLLIGENCE (crosslisted-COMP 440)	Subramanian, D.	09:25AM - 10:40AM	TR
Removed SYS	CE, SYS	ELEC 446	MOBILE WIRELESS SERVICE PROJECT	Cutler, Scott (CS)	02:00PM - 03:29PM	W
		ELEC 450	ALGORITHMIC ROBOTICS	Kavraki, Lydia (CS)	01:00PM - 02:15PM	TR
	PN	ELEC 462	OPTOELECTRONIC DEVICES	Kono, J.	10:50AM - 12:05PM	TR
New time	NEURO	ELEC 480	INTRODUCTION TO NEUROENGRINEERING	Robinson, Jacob	02:30PM - 03:45PM	TR
New time	NEURO	ELEC 481	COMP/NEUROSCIENCE/NEURAL ENGNR	Clark, John	10:00AM - 10:50AM	MWF
	NEURO	ELEC 485	FUND MEDICAL IMAGING I	Mawlawi, Osama	04:00PM - 06:59PM	R
		ELEC 490	ELEC ENG'G RESEARCH PROJECTS	-	-	-
3 hrs credit	Design	ELEC 494	SENIOR DESIGN LABORATORY	Woods, Gary	08:30AM - 09:50AM	MWF
Added to Specialization	SYS	ELEC 497	INTRO TO EMBEDDED PROGRAMMING	Woods, Gary	-	-
		ELEC 508	NONLINEAR SYSTEMS	Ghorbel, F. (MECH)	11:00AM - 12:15PM	MW
		ELEC 522	ADV VLSI DESIGN	Cavallaro, Joseph	01:00PM - 02:15PM	TR
		ELEC 524	MOBILE AND WIRELESS NETWORKING	Johnson, David (CS)	01:00PM - 01:50PM	MWF
		ELEC 533	INTRO RANDOM PROCESSES & APPL	Aazhang, B.	11:00AM - 11:50AM	MWF

	ELEC 541	ERROR CORRECTING CODES	Sabharwal, A.	10:50AM – 12:05PM	TR
	ELEC 548	NEURAL SIGNAL PROCESSING	Kemere, Caleb	09:25AM - 10:40AM	TR
	ELEC 549	COMPUTATIONAL PHOTOGRAPHY	Veeraraghavan, A.	03:00PM – 04:29PM	WF
	ELEC 563	INTRO TO SOLID STATE PHYSICS I	Dai, Pengcheng (PHYS)	10:50AM - 12:05PM	TR
	ELEC 568	LASER SPECTROSCOPY	Tittel, Frank	09:25AM - 10:40AM	TR
	ELEC 571	IMAGING AT THE NANOSCALE	Kelly, Kevin	03:00PM – 04:15PM	MW
	ELEC 581	CARDIO-RESP SYSTEM DYNAMICS	Clark, John	04:00PM - 05:29PM	MW
	ELEC 590	ELECTRICAL PROJECTS	-	-	-
	ELEC 599	1ST YEAR GRAD STUDENTS PROJECT	-	-	-
	ELEC 602	NEURAL NETWORKS & INFORMATION THRY	Merenyl, Erzsebet	01:00PM - 02:15PM	TR
	ELEC 603	TOPICS IN NANOPHOTONICS	Halas, Naomi	10:00AM - 11:59AM	W
	ELEC 605	ELECTRODYNAMICS & NANOPHOTONIC	Nordlander, Peter (PHYS)	02:00PM - 04:59M	T
<b>New Course</b>	<b>ELEC 661</b>	<b>NANOPHOT, SPECT, MAT4SUST</b>	<b>Thomann, I</b>	<b>10:50AM - 12:05PM</b>	<b>TR</b>
<b>New Course</b>	<b>ELEC 681</b>	<b>FUNDAMENTALS OF MACHINE LEARNING</b>	<b>Schwanauer. S.</b>	<b>02:00PM - 04:59PM</b>	<b>F</b>
	ELEC 693	ADVANCED TOPICS-COMPUTER SYSTEMS	Cavallaro, J. & Brogioli, M.	09:00AM – 10:50AM	F
	ELEC 698	ECE PROFESSIONAL MASTER SEM	Orchard, Mike	-	-
	ELEC 699	FRONTIERS OF ECE	Knightly, E.	-	-
	ELEC 760	BAYLOR/RICE MD/PHD PROGRAM	-	-	-
	ELEC 800	RESEARCH AND THESIS	-	-	-

### ECE Advising

Date	Time	Advisors	Room #
April 11, 2014	12:00PM to 1:00PM	Drs. Cavallaro, Kemere, Orchard, Wise	1064DH

### Office Hours:

April 10 to 18	By appointment - Email to cavallar@	Dr. Cavallaro	3042DH
April 10 to 18	By appointment - Email to orchard@	Dr. Orchard	AL A212
April 10 to 18	By appointment – Email: Pam Traylor at pt3@, or 713-348-3875	Dr. Sinclair	1016 DH
April 10 to 18	Stop by or appointment - Email to jdww@	Dr. Wise	AL A132
April 14, April 16 April 10 to 18	9:00AM to 10:00AM or appointment - Email to caleb.kemer@	Dr. Kemere	RMC coffee house
April 8, 2014 April 10 to 18	02:00PM – 03:00PM By appointment – Email to gary.woods@	Dr. Woods	AL A209