



## Electrical & Computer Engineering Courses offered Fall 2015

Status	Specialization Core/MSNE	Course #	Description	Instructor	Time	Day(s)
	Core	ELEC 241	FUND ELECTRICAL ENGINEERING I	Johnson, Don	11:00AM - 11:50AM	MWF w/lab
New Instructor	Core	ELEC 241	FUND ELECTRICAL ENGINEERING I -- LAB	Ramachandran, Deepa	02:00PM - 04:59PM 02:30 PM - 05:29PM	W (lab) R (lab)
	MSNE	ELEC 261	ELECTRONIC MATERIALS	Kelly, Kevin	01:00PM - 01:50PM	MWF
Signature Req'd	Core	ELEC 301	SIGNALS AND SYSTEMS	Baraniuk, Richard	01:00PM - 02:15PM	TR
	MSNE	ELEC 303	RANDOM SIGNALS	Orchard, Mike	09:25AM - 10:40AM	TR
	Core	ELEC 326	DIGITAL LOGIC DESIGN	Varman, Peter	10:50AM - 12:05PM	TR
	CE/NEUR/PEN	ELEC 342	ANALOG ELECTRONIC CIRCUITS	Babakhani, Aydin	02:30PM - 03:45PM	TR
	NEURO	ELEC 381	FUND OF ELECTROPHYSIOLOGY	Clark, John	04:00PM - 05:29PM	TR
	CE	ELEC 425	COMPUTER SYSTEMS ARCHITECTURE	Simar, Ray	02:00PM - 02:50PM	MWF
					07:00PM - 07:50PM	M (lab)
	CE	ELEC 425	COMPUTER SYSTEMS ARCHITECTURE	Simar, Ray	03:00PM - 03:50PM	MWF
	CE	ELEC 427	ADV DIGITAL DESIGN & IMPLEMENTATION	Koushanfar, Farinaz	09:25AM - 10:40AM	TR
	CE	ELEC 429	INTRO TO COMPUTER NETWORKS	Ng, Tze Sing (CS)	02:30PM - 03:45PM	TR
New Instructor	SYS	ELEC 435	INTRO TO MECHATRONICS	Ramachandran, Deepa	10:00 AM -- 10:50AM	MWF
		ELEC 440	ARTIFICIAL INTELLIGENCE (crosslisted-COMP 440)	Subramanian, Devika	09:25AM - 10:40AM	TR
	CE	ELEC 446	MOBILE DEVICE APPLICATIONS	Cutler, Scott (CS)	02:00PM - 03:29PM	W
		ELEC 450	ALGORITHMIC ROBOTICS	Kavraki, Lydia (CS)	01:00PM - 02:15PM	TR
	PEN	ELEC 462	OPTOELECTRONIC DEVICES	Kono, Junichiro	10:50AM - 12:05PM	TR
	NEURO	ELEC 480	INTRODUCTION TO NEUROENGINEERING	Robinson, Jacob	02:30PM - 03:45PM	TR
	NEURO	ELEC 485	FUND MEDICAL IMAGING I	Mawlawi, Osama	04:00PM - 06:59PM	R
New Course	NEURO	ELEC 488	THEORETICAL NEUROSCIENCE I	Gabbiani; Fabrizio; Cox	02:30PM - 03:45PM	TR
Abstract		ELEC 490	ELEC ENG'G RESEARCH PROJECTS	Cavallaro, Joseph	-	-
Abstract	Section 001	ELEC 491	ELEC ENG'G RESEARCH PROJECTS - VIP	Aazhang, Behnaam,	-	-
Abstract	Section 002	ELEC 491	ELEC ENG'G RESEARCH PROJECTS - VIP	Sabharwal, Ashutosh	-	-
Abstract	Section 003	ELEC 491	ELEC ENG'G RESEARCH PROJECTS - VIP	Simar, Ray	-	-
Signature Req'd	Design	ELEC 494	SENIOR DESIGN LABORATORY	Woods, Gary	08:30AM - 09:50AM	MWF
	SYS	ELEC 497	INTRO TO EMBEDDED PROGRAMMING	Woods, Gary	-	-

	ELEC 507	NONLINEAR DYNAMIC SYSTEMS	Clark, John	04:30PM - 05:59PM	MW
	ELEC 512	GR DESIGN ANALYSIS OF ALGORITHMS	Palem, Krishna; Fagan, Michael	10:50AM - 12:05PM	TR
	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
Graduate Equiv.	ELEC 532	INTRO TO MECHATRONICS	Ramachandran, Deepa	10:00 AM -- 10:50AM	MWF
	ELEC 533	INTRO RANDOM PROCESSES & APPL	Aazhang, Behnaam	11:00AM - 11:50AM	MWF
	ELEC 537	COMMUNICATION NETWORKS	Knightly, Edward	03:00PM - 4:15PM	MW
	ELEC 548	NEURAL SIGNAL PROCESSING	Kemere, Caleb	09:25AM - 10:40AM	TR
	ELEC 550	ALGORITHMIC ROBOTICS	Kavraki, Lydia (CS)	01:00PM - 02:15PM	TR
Graduate Equiv.	ELEC 554	COMPUTER SYSTEMS ARCHITECTURE	Simar, Ray	02:00PM - 02:50PM 07:00PM - 07:50PM	MWF M (lab)
Graduate Equiv.	ELEC 554	COMPUTER SYSTEMS ARCHITECTURE	Simar, Ray	03:00PM - 03:50PM 08:00PM - 08:50PM	MWF M (lab)
Graduate Equiv.	ELEC 555	ADV DIGITAL DESIGN & IMPLEMENTATION	Koushanfar, Farinaz	09:25AM - 10:40AM	TR
Graduate Equiv.	ELEC 557	ARTIFICIAL INTELLIGENCE (crosslisted-COMP 440)	Subramanian, Devika	09:25AM - 10:40AM	TR
Graduate Equiv.	ELEC 562	OPTOELECTRONIC DEVICES	Kono, Junichiro	10:50AM - 12:05PM	TR
	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 580	INTRODUCTION TO NEUROENGINEERING	Robinson, Jacob	02:30PM - 03:45PM	TR
	ELEC 585	FUND MEDICAL IMAGING I	Mawlawi, Osama	04:00PM - 06:59PM	R
	ELEC 590	GRAD NON-THESIS RESEARCH PROJECTS	Aazhang, Behnaam	-	-
Abstract; GE	ELEC 591	GRAD ELEC ENG'G RESEARCH PROJECTS - VIP	Various	-	-
	ELEC 599	1ST YEAR GRAD STUDENTS PROJECT	Aazhang, Behnaam	-	-
	ELEC 602	NEURAL MACHINE LEARNING II	Merenyl, Erzsebet	01:00PM - 02:15PM	TR
	ELEC 603	TOPICS IN NANOPHOTONICS	Halas, Naomi	10:00AM - 11:59AM	W
	ELEC 605	ELECTRODYNAMICS & NANOPHOTONICS	Nordlander, Peter (PHYS)	02:00PM - 04:59M	T
	ELEC 661	NANOPHOTONICS & SUSTAINABILITY	Thomann, Isabell	12:00PM - 01:15PM	MF
	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	Aazhang, Behnaam	-	-
	ELEC 760	BAYLOR/RICE MD/PHD PROGRAM	Knightly, Edward	-	-
	ELEC 800	RESEARCH AND THESIS	Aazhang, Behnaam	-	-

<b>Undergraduate ECE Advising:</b>					
<b>Date:</b> 30-Mar-15			<b>Time:</b> 12:00-12:50PM	<b>Advisors</b>	<b>Room #</b>
				Dr. Joseph Cavallaro	DH 1064
				Dr. Gary Woods	
				Dr. Caleb Kemere	
				Dr. Anastasios Antoulas	
				Dr. Peter Varman	
				Dr. Ray Simar	
				Dr. Deepa Ramachandran	