



Electrical & Computer Engineering Courses offered Fall 2016

Status	Specialization Core/M&S	Course #	Description	Instructor	Time	Day(s)
Co-Req for ELEC 241	Core	ELEC 240	FUND ELECTRICAL ENGINEERING I -- LAB	Ramachandran, Deepa	02:00PM - 04:59PM 02:30 PM - 05:29PM	W (lab) R (lab)
	Core	ELEC 241	FUND ELECTRICAL ENGINEERING I	Johnson, Don	11:00AM - 11:50AM	MWF w/lab
	M&S	ELEC 261	ELECTRONIC MATERIALS	Kelly, Kevin	01:00PM - 01:50PM	MWF
Signature Required	Core	ELEC 301	SIGNALS, SYSTEMS, AND LEARNING	Baraniuk, Richard	01:00PM - 02:15PM	TR
	M&S	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
Back from Sabbatical	CE	ELEC 424	MOBILE AND EMBEDDED SYSTEMS	Zhong, Lin	10:50AM - 12:05PM	TR
	CE	ELEC 425	COMPUTER SYSTEMS ARCHITECTURE	Simar, Ray	02:00PM - 02:50PM 07:00PM - 07:50PM	MWF M (lab)
	CE	ELEC 425	COMPUTER SYSTEMS ARCHITECTURE	Simar, Ray	03:00PM - 03:50PM 08:00PM - 08:50PM	MWF M (lab)
New Course	SYS	ELEC 432	MOBILE BEHAVIORAL SENSING	Sabharwal, Ashutosh	TBA	
	SYS	ELEC 435	INTRO TO MECHATRONICS	Ramachandran, Deepa	10:00 AM - 10:50AM	MWF
	SYS	ELEC 437	INTRO TO COMMUNICATION NETWORK	Knightly, Edward	03:00PM - 4:15PM	MW
Back from Sabbatical	PEN	ELEC 462	OPTOELECTRONIC DEVICES	Kono, Junichiro	10:50AM - 12:05PM	TR
	NEURO	ELEC 480	INTRODUCTION TO NEUROENGINEERING	Clark, John	02:30PM - 03:45PM	TR
	NEURO	ELEC 485	FUND MEDICAL IMAGING I	Mawlawi, Osama	04:00PM - 06:59PM	R
	NEURO	ELEC 488	THEORETICAL NEUROSCIENCE I	Gabbiani Fabrizio	02:30PM - 03:45PM	TR
Abstract Required		ELEC 490	ELEC ENG'G RESEARCH PROJECTS	Cavallaro, Joseph	-	-
Abstract Required	Section 001	ELEC 491	ELEC ENG'G RESEARCH PROJECTS - VIP	Cavallaro, Joseph	-	-
Abstract Required	Section 003	ELEC 491	ELEC ENG'G RESEARCH PROJECTS - VIP	Aazhang, Behnaam	-	-
Abstract Required	Section 004	ELEC 491	ELEC ENG'G RESEARCH PROJECTS - VIP	Simar, Ray	-	-
Abstract Required	Section 005	ELEC 491	ELEC ENG'G RESEARCH PROJECTS - VIP	Sabharwal, Ashutosh	-	-
Signature Required	Design	ELEC 494	SENIOR DESIGN LABORATORY	Woods, Gary	08:30AM - 09:50AM	MWF
		ELEC 497	INTRO TO EMBEDDED PROGRAMMING	Woods, Gary	-	-
		ELEC 501	DATA-DRIVEN APPROXIMATION OF DYNAMICAL SYSTEMS	Antoulas, Athanasios	04:00PM - 04:59PM	MWF

		ELEC 522	ADV VLSI DESIGN	Cavallaro, Joseph	01:00PM - 02:15PM	TR
GE		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
New Course: GE		ELEC 534	MOBILE BEHAVIORAL SENSING	Sabharwal, Ashutosh	TBA	
Back from Sabbatical		ELEC 535	INFORMATION THEORY	Sabharwal, Ashutosh	10:50AM - 12:05PM	TR
		ELEC 548	NEURAL SIGNAL PROCESSING	Kemere, Caleb	09:25AM - 10:40AM	TR
Back from Sabbatical		ELEC 549	COMPUTATIONAL PHOTOGRAPHY	Veeraraghavan, Ashok	03:00PM - 04:29PM	
GE		ELEC 554	COMPUTER SYSTEMS ARCHITECTURE	Simar, Ray	02:00PM - 02:50PM 07:00PM - 07:50PM	MWF M (lab)
GE		ELEC 554	COMPUTER SYSTEMS ARCHITECTURE	Simar, Ray	03:00PM - 03:50PM 08:00PM - 08:50PM	MWF M (lab)
Back from Sabb./GE		ELEC 562	OPTOELECTRONIC DEVICES	Kono, Junichiro	10:50AM - 12:05PM	TR
		ELEC 568	LASER SPECTROSCOPY	Tittel, Frank	09:25AM - 10:40AM	TR
Signature Required		ELEC 571	IMAGING AT THE NANOSCALE	Kelly, Kevin	03:00PM - 04:15PM	MW
GE		ELEC 580	INTRODUCTION TO NEUROENGINEERING	Clark, John	02:30PM - 03:45PM	TR
		ELEC 581	CARDIO-RESP SYSTEM DYNAMICS	Clark, John	4:00PM - 05:30PM	MW
GE		ELEC 585	FUND MEDICAL IMAGING I	Mawlawi, Osama	04:00PM - 06:59PM	R
		ELEC 590	GRAD NON-THESIS RESEARCH PROJECTS	Aazhang, Behnaam	-	-
Abstract Required; GE	Section 001	ELEC 591	GRAD ELEC ENG'G RESEARCH PROJECTS - VIP	Cavallaro, Joseph	-	-
Abstract Required; GE	Section 003	ELEC 591	GRAD ELEC ENG'G RESEARCH PROJECTS - VIP	Aazhang, Behnaam	-	-
Abstract Required; GE	Section 004	ELEC 591	GRAD ELEC ENG'G RESEARCH PROJECTS - VIP	Simar, Ray	-	-
Abstract Required; GE	Section 005	ELEC 591	GRAD ELEC ENG'G RESEARCH PROJECTS - VIP	Sabharwal, Ashutosh	-	-
		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
New Course/Faculty		ELEC 604	NANO-OPTICS	Bharadwaj, Palash	TBA	
		ELEC 605	ELECTRODYNAMICS & NANOPHOTONICS	Nordlander, Peter	02:00PM - 04:59M	T
		ELEC 661	NANOPHOTONICS & SUSTAINABILITY	Thomann, Isabell	12:00PM - 01:15PM	MF
New Course/Faculty		ELEC 677	A PRACTICAL INTRO TO DEEP MACH. LEARNING	Patel, Ankit	TBA	
		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 800	RESEARCH AND THESIS	Various	-	-

