



Electrical & Computer Engineering- Courses offered in Spring 2016

Status	Specialization /Core	Course #	Title	Instructor	Time & Date
		ELEC 101	Elements of Electrical Engineering	Orchard, M.	1:00pm - 2:15pm TR
New instructor	CORE	ELEC 220	Fundamentals of Computer Engineering	Simar, R.	1:00pm - 2:15pm TR +Schedule lab 2:30pm - 3:45pm TR
3 credit hours; ELEC 244 coreq.	CORE	ELEC 242	Fundamentals of Electrical Engineering II	Antoulas, A.	11:00am - 11:50am MWF
New instructor		ELEC 243	Electronic Measurement Systems	Ramachandran, D.	9:25am - 10:40am TR +Schedule lab
New instructor; 1 credit hour; ELEC 242 coreq;	CORE	ELEC 244	Fundamentals of Electrical Engineering II-Lab	Ramachandran, D.	Lab Lect. 5:00-5:59 W Lab: 2:30pm-5:30pm W; 6:30pm-9:30pm W
New instructor	PEN	ELEC 262	Introduction to Waves and Photonics	Noe, T.	1:00pm - 1:50pm MWF
	SYS	ELEC 302	Introduction to Systems	Antoulas, A.	9:00am - 9:50am MWF
	CORE	ELEC 305	Intro Physical Electronics	Woods, G.	10:00am - 10:50am MWF
	CE	ELEC 323	Fundamentals of Parallel Program	Sarkar, V. (CS)	1:00pm - 1:50pm MWF; 7:00pm - 8:29pm W
Must have instr. signature	Design Lab	ELEC 327	Implementation of Digital Systems	Kemere, C.	9:25am - 10:40am TR +Independent lab
Must have instr. signature	Design Lab	ELEC 332	Electronic Systems Principles & Practice	Tran, T.	4:00pm - 5:15pm TR +Independent lab Section 001
Must have instr. signature	Design Lab	ELEC 332	Electronic Systems Principles & Practice	Orchard, M.	1:00pm - 2:15pm TR +Independent lab Section 002
	CE/NEURO/SYS/ DS	ELEC 345	Introduction to Computer Vision	Veeraraghavan, A.	1:00pm - 2:15pm TR
New instructor; Must have instr. signature	Design Lab	ELEC 364	Photonics Measurements: Principles and Practice	Noe, T.	2:30pm - 3:45pm TR +Independent lab
	PEN	ELEC 365	Nanomaterials for Energy	Thomann, Isabell	4:00pm - 5:15pm TR
	NEURO	ELEC 381	Fund of Electrophysiology	Clark, J.	2:30pm - 3:45pm TR
	CE	ELEC 419 x-listed with BIOE	Innovation Lab for Mobile Health	Sabharwal, A., Simar R. & Veeraraghavan, A. Richardson, E.	6:00pm - 8:29pm W
	CE	ELEC 421	Operating Systems and Concurrent Programming	Johnson, Dave (CS)	2:30pm - 3:45pm TR
Returning	CE/SYS	ELEC 422	VLSI Systems Design	Cavallaro, J.	1:00pm - 2:15pm TR

	SYS	ELEC 430	Digital Communication	Aazhang, B.	9:25am - 10:40am TR
	NEURO/SYS/DS	ELEC 431	Digital Signal Processing	Orchard, M.	11:00am - 11:50am MWF
New course	DS	ELEC 475	Learning from Sensor Data	Baraniuk, R.	2:30pm - 3:45pm TR
	SYS	ELEC 436	Fundamentals of Control Systems	Ghorbel, F. (MECH)	11:00am - 12:15pm MW
	NEURO	ELEC 482	Physiological Control Systems	Clark, J.	4:00pm - 5:29pm MW
Returning	NEURO	ELEC 486	Fund Medical Imaging II	Mawlawi, O.	4:00pm - 6:59pm R
Must have instr. sign; abstract		ELEC 490	Electrical Engineering Projects	Cavallaro, J.	http://www.ece.rice.edu/uploadedFiles/ECE/ECE_Home/Academics/ECE_forms/ELEC%20490.pdf
Must have instr. signature; abstract required		ELEC 491	VIP-Electrical Engineering Projects Section 001	Cavallaro, J.	Times vary
Must have instr. signature; abstract required		ELEC 491	VIP-Electrical Engineering Projects Section 002	Woods, G.	Times vary
Must have instr. signature; abstract required		ELEC 491	VIP-Electrical Engineering Projects Section 003 (Digital Cure for Epilepsy)	Aazhang, B.	Times vary
Must have instr. signature; abstract required		ELEC 491	VIP-Electrical Engineering Projects Section 004 (DISSECT)	Simar, R.	Times vary
Must have instr. signature; abstract required		ELEC 491	VIP-Electrical Engineering Projects Section 005 (Digital Gym)	Sabharwal, A.	Times vary
Must have instr. signature	Design Course	ELEC 494	Senior Design	Woods, G.	8:30am – 9:50am MW
New instructor		ELEC 498	Introduction to Robotics	Hambuchen, K.	1:00pm - 2:15pm TR
		ELEC 526	High Perform Computer Arch	Varman, P.	9:25am - 10:40am TR
		ELEC 529	Computer Network	Ng, E. (CS)	1:00pm - 2:15pm TR
		ELEC 531	Statistical Signal Processing	Johnson, D.	1:00pm - 2:15pm TR
		ELEC 544	Advanced DSP	Burrus, C.S.	10:00am - 10:50am MWF
Graduate Equiv.	SYS	ELEC 551	Digital Communication	Aazhang, B.	9:25am - 10:40am TR
Graduate Equiv.	NEURO/SYS	ELEC 558	Digital Signal Processing	Orchard, M.	11:00am - 11:50am MWF
New course; graduate equiv.	DS	ELEC 575	Learning from Sensor Data	Baraniuk, R.	2:30pm - 3:45pm TR
Graduate Equiv.	NEURO	ELEC 582	Physiological Control Systems	Clark, J.	4:00pm - 5:29pm MW
GE; Must have instr. signature; abstract required		ELEC 590	GR Non-Thesis Research Projects	Aazhang, B.	Times vary
GE; Must have instr. signature; abstract required		ELEC 591	VIP-Electrical Engineering Projects Section 001	Cavallaro, J.	Times vary
GE; Must have instr. signature; abstract required		ELEC 591	VIP-Electrical Engineering Projects Section 002	Woods, G.	Times vary
GE; Must have		ELEC 591	VIP-Electrical Engineering Projects	Aazhang, B.	Times vary

instr. signature; abstract required			Section 003 (Digital Cure for Epilepsy)		
GE; Must have instr. signature; abstract required		ELEC 591	VIP-Electrical Engineering Projects Section 004 (DISSECT)	Simar, R.	Times vary
GE; Must have instr. signature; abstract required		ELEC 591	VIP-Electrical Engineering Projects Section 005 (Digital Gym)	Sabharwal, A.	Times vary
		ELEC 599	First-Year Graduate Student Projects	Aazhang, B.	2:00pm - 3:15pm M
		ELEC 603	Topics in Nanophotonics	Halas, N.	10:00am - 11:50am W
		ELEC 680	Nano-neurotechnology	Robinson, J.	2:00pm - 4:29pm W
		ELEC 694	How to be a CTO	Cutler, S. (CS)	9:30am - 10:50am W
		ELEC 698	ECE Professional Masters Seminar	Orchard, M.	Times vary
		ELEC 699	Frontiers of ECE	Knightly, E.	Times vary
		ELEC 800	Research and Thesis	Aazhang, B.	Times vary

Undergraduate ECE Advising:

Date	Time	Advisors	Room #
Nov. 16, 2015 (IEEE)	12:00-12:50pm	Drs. Antoulas, Aazhang, Cavallaro, Varman, Ramachandran, Woods	DH 1064
Nov. 20, 2015 (IEEE)	12:00-12:50pm	Specialization Presentation	DH 1064