



Electrical & Computer Engineering- Courses offered in Spring 2015

Status	Specialization /Core	Course #	Title	Instructor	Time & Date
Schedule lab	CORE	ELEC 220	Fundamentals of Computer Engineering	Cavallaro, J.	1:00pm - 2:15pm TR +Schedule lab
		ELEC 234	Technological Disasters	Kelly, K., Mody, C.	10:50 am – 12:05 TR
3 credit hours; ELEC 244 coreq.	CORE	ELEC 242	Fundamentals of Electrical Engineering II	Antoulas, A.	11:00am - 11:50am MWF
Schedule lab		ELEC 243	Electronic Measurement Systems	Wise, J.D.	9:25am - 10:40am TR +Schedule lab
1 credit hour; ELEC 242 coreq.	CORE	ELEC 244	Fundamentals of Electrical Engineering II-Lab	Woods, G.	Lab Lect.4:00-4:50pm
	PEN	ELEC 262	Introduction to Waves and Photonics	Mittleman, D.	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
		ELEC 331	Applied Probability	Flores Castillo, N V	10:50 am – 12:05 pm TR
Must have inst. signature	Design Lab	ELEC 332	Electronic Systems Principles & Practice	Wise, J.D.	1:00pm - 1:50pm MWF +Independent lab
	CE/NEURO/SYS	ELEC 345	Introduction to Computer Vision	Veeraraghavan, A.	1:00pm – 2:15pm TR
	PEN	ELEC 361	Quantum Mechanics for Engineers	Kono, J.	10:50am - 12:05pm TR
Must have Instr. Signature	Design Lab	ELEC 364	Photonics Measurements: Principles and Practice	Mendis, R	2:30pm - 3:45pm TR +Independent lab
	PEN	ELEC 365	Nanomaterials for Energy	Thomann, Isabell	4:00 pm – 5:15 pm TR
	CE	ELEC 419	Innovation Lab for Mobile Health	Sabharwal, A. & Veeraraghavan, A.	6:00pm – 8:30pm W
	CE	ELEC 421	Operating Systems and Concurrent Programming	Johnson, Dave (CS)	2:30pm – 3:45pm TR
	SYS	ELEC 430	Digital Communication	Aazhang, B.	9:25am - 10:40am TR
	NEURO/SYS	ELEC 431	Digital Signal Processing	Orchard, M.	11:00am - 11:50am MWF
	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
	NEURO	ELEC 486	Fund Medical Imaging II	Mawlawi, O.	4:00pm - 6:59pm R
	NEURO	ELEC 489	Theoretical Neuroscience II	Shouval, H. (CAAM) Pitkow, X. (ECE)	9:25am -10:40am TR

Added section 2 for VIP program; Abstract required		ELEC 490	Electrical Engineering Projects	Staff	http://www.ece.rice.edu/uploadedFiles/ECE/ECE_Home/Academics/ECE_forms/ELEC%20490.pdf
Must have instr. signature	Design Course	ELEC 494	Senior Design	Woods, G.	8:30am – 9:50am MW
		ELEC 502	Neural Machine Learning I	Merenyi, E. (STAT)	2:30pm - 3:45pm TR
X-listed with COMP 508		ELEC 511	Embedded and IoT Systems Security	Koushanfar, F.	10:50am-12:05pm TR
		ELEC 516	Analog Integrated Circuits	Babakhani, A.	9:25am – 10:40am TR
		ELEC 526	High Perform Computer Arch	Varman, P.	9:25am – 10:40am TR
		ELEC 529	Computer Network	Ng, Tze Sing (CS)	1:00pm – 2:15pm TR
		ELEC 531	Statistical Signal Processing	Johnson, Don H	1:00pm – 2:15pm TR
3 credit hours		ELEC 542	Vector Spaces and DSP	Simar, R.	1:00pm – 2:15pm TR
		ELEC 544	Advanced DSP	Burrus, C.S.	10:00am - 10:50am MWF
		ELEC 564	Intro Solid State Physics II	Si, Qimiao	2:30pm – 3:45pm TR
		ELEC 590	GR Non-Thesis Res Projects	Staff	-
		ELEC 599	First-Year Graduate Student Projects	Staff	1:00pm – 2:15pm R
		ELEC 603	Topics in Nanophotonics	Halas, N.	10:00am – 11:59am W
		ELEC 631	Topics in Signal Processing	Baraniuk, R.	2:00pm – 4:30pm F
		ELEC 680	Nano-neurotechnology	Robinson, J.	2:00pm – 4:30pm W
		ELEC 694	How to be a CTO	Cutler, S. (CS)	9:30am – 10:59am W
		ELEC 698	ECE Professional Master Seminar	Orchard, M.	-
		ELEC 699	Frontiers of ECE	Knightly, E.	-
		ELEC 760	Baylor/Rice MD/PHD Program	Staff	-
		ELEC 800	Research and Thesis	Staff	-

Undergraduate ECE Advising:

Date	Time	Advisors	Room #
Nov. 7 th , 2014 (IEEE)	12:00pm to 12:50 pm	Drs. Cavallaro, Kemere, Orchard, Wise, Woods	DH 1064