

Spring 2010 ECE Upper Division and Graduate Level Course Offerings

Spring 2010 Tentative Schedule. Subject to change. For planning purposes.

[Fall 2009 Course Schedule](#)

[ECE Course Catalog with Descriptions](#)

Course:	Title:	Times:	Instructor:
EE 3015	Signals and Systems	10:10-11:00 MWF; Discussion also needed	Moon, Jae
EE 3025	Statistical Methods in Electrical and Computer Engineering	10:10-11:00 MWF; Discussion also needed	Victoria, Randy
EE 3101	Circuits and Electronics Laboratory I	Various Times	Ernie, Doug
EE 3102	Circuits and Electronics Laboratory II	Various Times	Robbins, William
EE 3115	Analog and Digital Electronics	8:00-8:50 MWThF; Discussion also needed	Gopinath, Anand
EE 3161	Semiconductor Devices	11:15-12:05 MWF; Discussion also needed	Oh, Sang-Hyun
EE 3601	Transmission Lines, Fields and Waves	9:05-9:55 MWF; Discussion also needed	Jacobs, Heiko
EE 4111	Advanced Analog Electronics Design	8:00-8:50 MWF; Lab also needed	Higman, Ted
EE 4233	State Space Control System Design	9:05-9:55 MWF	Jovanovic, Mihailo
EE 4237	State Space Control Laboratory	Various Times	Georgiou, Tryphon
EE 4341	Microprocessor and Microcontroller System Design	11:15-12:05 MWF; Lab also needed	Posbergh, Tom
EE 4363	Computer Architecture and Machine Organization	12:20-1:10 MWF	Sobelman, Gerald
EE 4609	Digital Signal Integrity	8:15-9:30 TTh	Sainati, R
EE 4703	Electric Devices Laboratory	[LAB] 12:20-2:15 T or Th	Imbertson, Paul
EE 4724	Power System Planning and Operation	4:40-5:55 MW	
EE 4951W	Senior Design Project	2:30-3:45 TTh	Ernie, Doug
EE 4982V	Senior Honors Project II	2:30-3:45 TTh	Lilja, David
EE 5141	Introduction to Microsystem Technology	11:15-12:05 MWF	Talghader, Joey
EE 5164	Semiconductor Properties and Devices II	8:15-9:30 TTh	Ruden, Paul
EE 5173	Basic Microelectronics Laboratory	[LAB] 1:25-4:25 M or T or W or Th	
EE 5235	Robust Control System Design	8:15-9:30 TTh	Salapaka, Murti
EE 5302	VLSI Design Automation II	9:45-11:00 TTh	Sapatenkar, Sachin
EE 5324	VLSI Design II	4:40-5:55 MW	Bazargan, Kiarash
EE 5327	VLSI Design Laboratory	3:35-5:30 T; Lab also needed	Sobelman, Gerald
EE 5364	Advanced Computer Architecture	10:10-11:00 MWF	Zhai, A
EE 5505	Wireless Communication	11:15-12:30 Tthu	Jindal, Nihar
EE 5585	Data Compression	2:30-3:45 TTh	Kieffer, John
EE 5601	Introduction to RF/Microwave Engineering	2:30-3:45 TTh	Drayton, Rhonda
EE 5613	RF/Microwave Circuit Design Laboratory	12:20-1:10 W	Drayton, Rhonda
EE 5621	Physical Optics	12:45-2:00 TTh	Leger, James
EE 5622	Physical Optics Laboratory	2:30-4:25 M	Leger, James
EE 5655	Magnetic Recording	9:45-11:00 TTh	Wang, Jian Ping
EE 5705	Advanced Electric Drives	8:00-8:50 MWF	Mohan, Ned
EE 5725	Power Systems Engineering	4:00-5:15 TTh	Wollenberg, Bruce
EE 5821	Biological System Modeling and Analysis	1:25-2:15 MWF	
EE 8215	Nonlinear Systems	2:30-3:45 TTh	Georgiou, Tryphon

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EE 8310	Advanced Topics in VLSI	11:15-12:30 WF	
EE 8337	Analog Circuits for Wire/Wireless Communications	9:05-9:55 MWF	Harjani, Ramesh
EE 8500	Seminar: Communications	3:35-4:25 W	
EE 8581	Detection and Estimation Theory	12:45-2:00 TTh	Tewfik, Ahmed
EE 8660	Seminar: Magnetics	2:30-3:20 F	Wang, Jian Ping