

# Fall 2009 ECE Upper Division and Graduate Level Course Offerings

Click on the Fall 2009 Course Schedule link below to go to the U of M Class Schedule for ECE. Current as of April 3, 2009.

[Fall 2009 Course Schedule](#)

[ECE Course Catalog with Descriptions](#)

<b>Course:</b>	<b>Title:</b>	<b>Times:</b>	<b>Instructor:</b>
EE 3015	Signals and Systems	10:10-11:00 MWF plus discussion	Sapiro, Guilleramo
EE 3025	Statistical Methods in EE and CE	10:10-11:00 MWF plus discussion	Luo, Tom
EE 3101	Circuits and Electronics Lab I	Various Times	Higman, Ted
EE 3102	Circuits and Electronics Lab II	Various Times	Sainati, Robert
EE 3115	Analog and Digital Electronics	9:05-9:55 MWThF plus discussion	Harjani, Ramesh
EE 3161	Semiconductor Devices	11:15-12:30 TTh plus discussion	Talghader, Joey
EE 3601	Transmissions Lines, Fields, and Waves	11:15-12:05 MWF plus discussion	Mahmoodi, Bob
EE 4231	Linear Control Systems	1:25-2:15 MWF	Salapaka, Murti
EE 4235	Linear Control Systems Lab	Various Times	Georgiou, Tryphon
EE 4301	Digital Design With Programmable Logic	9:05-9:55 MWF plus lab	Posbergh Tom
EE 4363	Computer Architecture and Machine Organization	4:00-5:15 MWF	Posbergh, Tom
EE 4501	Communications Systems	12:45-2:00 TTh	Moon, Jae
EE 4505	Communications Systems Lab	Hours Arranged	Moon, Jae
EE 4541	Digital Signal Processing	9:45-11:00 TTh	Tewfik, Ahmed
EE 4607	Wireless Hardware System Design	11:15-12:30 TTh	Drayton, Rhonda
EE 4721	Intro to Power System Analysis	4:00-5:15 MW	Wollenberg, Bruce
EE 4722	Power System Analysis Lab	3:35-5:30 T or 10:10-12:05 W	Wollenberg, Bruce
EE 4741	Power Electronics	8:00-8:50 MWF	Mohan, Ned
EE 4743	Switch-Mode Power Electronics Lab	Various Times	Mohan, Ned
EE 4951W	Senior Design Projects	2:30-3:45 TTh Lab Section also Needed	Cohen, Phil
EE 4981H	Senior Honors Project I	2:30-4:30 T	Lilja, David
EE 5121	Transistor Device Modeling for Circuit Simulation	9:45-11:00 TTh	Higman, Ted
EE 5163	Semiconductor Properties and Devices I	12:20-1:10 MWF	Ruden, Paul
EE 5171	Microelectronic Fabrication	4:00-5:45 TTh	Campbell, Stephen
EE 5173	Basic Microelectronic Lab	1:25-4:25 M	Campbell, Stephen
EE 5181	Intro to Nanotechnology	4:00-5:15 MW	Jacobs, Heiko
EE 5231	Linear Systems and Optimal Control	12:20-1:10 MWF	Jovanovic, Mihailo
EE 5301	VSLI Design Automation I	4:40-5:55 MW	Sapatnekar, Sachin
EE 5323	VSLI Design I	3:35-4:25 MWF	Kim, Chris
EE 5329	VSLI Digital Signal Processing Systems	9:45-11:00 TTh	Parhi, Keshab
EE 5333	Analog Integrated Circuit Design	8:15-9:30 TTh	Higman, Ted
EE 5501	Digital Communication	11:15-12:30 TTh	Jindal, Nihar
EE 5531	Probability and Stochastic Processes	11:15-12:05 MWF	Kieffer, John
EE 5602	RF/Microwave Circuit Design	12:45-2:00 TTh	Gopinath, Anand
EE 5624	Optical Electronics	12:45-2:30 TTh	Leger, Jim
EE 5653	Physical Principles of Magnetic Materials	2:30-3:20 MWF	Victoria, Randy

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EE 5657W	Physical Principles of Thin Film Technology	11:15-12:30 TTh Lab Section Also Needed	Stadler, Beth
EE 8231	Optimization Theory	4:00-5:15 TTh	Luo, Tom
EE 8235	Advanced Control Topics	1:25-2:15 MWF	Georgiou, Tryphon
EE 8500	Seminar: Communications	5:20-6:50 Th	
EE 8620	Advanced Topics in Magnetics	2:30-3:45 TTh	
EE 8660	Seminar: Magnetics	1:25-2:15 F	
EE 8950	Advanced Topics in Electrical and Computer Engineering	8:15-9:30 TTh	Gebre Egziabher, Demoz