

**Spring 2005**

Term	Course Information				Text Information					
	No.	Title	Sec.	Instructor	Author	Title	Ed./Year	Publisher/ISBN	RQ/RC	
Spring	EL E	331	Linear Systems	1	Cao	Ziemer	Signals & Systems: Continuous and Discrete	4th 1998	Pearson 0-13-496456-X	RQ
Spring	EL E	335	Principles of Digital Systems	1	Matalgah	Mano and Kime	Logic And Computer Design Fundamentals W/CD	3rd 2004	Prentice Hall 0-13-124711-5	RQ
Spring	EL E	336	Digital Systems Laboratory I	All	Glisson	Glisson	Digital Systems Lab Notes	4th 2004	EE Department N/A	RQ
Spring	EL E	341	Theory of Fields	1	Yang	Cheng	Field & Wave Electromagnetics	2nd 1989	Pearson 0-201-12819-5	RQ
Spring	EL E	352	Models and Circuits II	1	Hutchcraft	Sedra	Microelectronic Circuits w/CD	5th 2004	Oxford 0-19-514251-9	RQ
Spring	EL E	353	Electronics Laboratory	All	Hutchcraft	Hanson	Electronics Lab Manual	1999	EE Department N/A	RQ
Spring	EL E	368	CAD in Electrical Engineering I	1	Inman	(No text required)				
Spring	EL E	386	Advanced Digital Systems Laboratory	All	Inman	Hamblen	Rapid Prototyping of Digital Systems-W/CD	2nd 2001	Kluwer 0-7923-7439-8	RQ
Spring	EL E	433	High Frequency and Microwave Laboratory	All	Inman	EE Deparment	HF and Microwave Laboratory Manual	1999	EE Department N/A	RQ
Spring	EL E	443	Network Analysis and Synthesis	1	Tew	Schaumann and Van Valkenberg	Design of Analog Filters	1st 2001	Oxford 0-19-511877-4	RQ
Spring	EL E	451	Electrical Energy Conversion	1	Tew	Chapman	Electric Machinery and Power System Fundamentals	1st 2002	McGraw-Hill 0-07-229135-4	RQ
Spring	EL E	453	Solid State Devices	1	Gordon	Uyemura	Physical Design of CMOS Integrated Circuits Using L-Edit (with disk)	1995	Thomson 0-534-94326-8	RQ
Spring	EL E	462	Senior Design in Electrical Engineering II	All	Goggans	(No text required)				
Spring	EL E	523	Microwave Engineering	1	Kishk	Pozar	Microwave Engineering	3rd 2005	Wiley 0-471-44878-8	RQ
Spring	EL E	525	Introduction to Antennas	1	Elsherbeni	Balanis	Antenna Theory (with disk)	2nd 1997	Wiley 0-471-59268-4	RQ
Spring	EL E	525	Introduction to Antennas	1	Elsherbeni	Stutzman	Antenna Theory and Design	2nd 1998	Wiley 0-471-02590-9	RC
Spring	ENGR	360	Electric Circuit Theory	1	Gordon	Hayt, Kemmerly, and Durbin	Engineering Circuit Analysis -W/CD	6th 2002	McGraw-Hill 0-07-285320-4	RQ

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Spring	ENGR	361	Electric Circuit Laboratory	All	staff	EE Department	Electric Circuits Lab Man 2002	2002	EE Department N/A	RQ
Spring	ENGR	410	Engineering Analysis II	1	Yakovlev	Kreyszig	Advanced Engineering Mathematics	8th 1999	Wiley 0-471-15496-2	RQ
Spring	ENGR	592	Engineering Analysis II	1	Yakovlev	Kreyszig	Advanced Engineering Mathematics	8th 1999	Wiley 0-471-15496-2	RQ
Spring	ENGR	597	Special Projects (Fundamentals of Guided Waves)	19	Yakovlev	Collin	Field Theory of Guided Waves	2nd 1991	Wiley 0-87942-237-8	RQ
Spring	ENGR	597	Special Projects (Fundamentals of Guided Waves)	19	Yakovlev	Ishimaru	Electromagnetic Wave Propagation	1991	Pearson 0-13-249053-6	RC
Spring	ENGR	619	Advanced Microwave Measurements	1	Hutchcraft	(No text required)				
Spring	ENGR	628	Advanced Numerical Methods in Electromagnetics	1	Glisson	Kunz and Luebbers	Finite Difference Time Domain Methods	1st 1993	CRC Press 0-8493-8657-8	RC
Spring	ENGR	628	Advanced Numerical Methods in Electromagnetics	1	Glisson	Peterson, Ray, and Mittra	Computational Methods for Electromagnetics	1st 1998	Wiley 0-7803-1122-1	RC
Spring	ENGR	628	Advanced Numerical Methods in Electromagnetics	1	Glisson	Taflove	Computational Electrodynamics w/ CD	2nd 2000	Artech 1-58053-076-1	RC
Spring	ENGR	691	Special Topics (Queuing Theory)	23	Daigle	Daigle	Queueing Theory with Applications to Packet Telecommunication	2005	Springer Science 0-387-22857-8	RQ
Spring	ENGR	691	Special Topics (Bayesian Inference)	25	Goggans	(No text required)				
Spring	ENGR	691	Special Topics (Advanced Wireless Networks)	32	Matalgah	Rappaport	Wireless Communications: Principles and Practice	2nd 2002	Prentice Hall 0-13-042232-0	RQ
Spring	ENGR	691	Special Topics (Advanced Wireless Networks)	32	Matalgah	Garg	Wireless Network Evolution: 2G to 3G	2002	Pearson 0-13-028077-1	RC

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Spring	ENGR	691	Special Topics (Advanced Wireless Networks)	32	Matalgah	Stallings	Wireless Communications and Networks	1st 2002	Pearson 0-13-040864-6	RC
Spring	ENGR	695	Seminar	3	Glisson	(No text required)				
Spring	TC	201	Introduction to Telecommunications	1	Holmes	Gilder	Telecosm: How Infinite Bandwidth will Revolutionize Our World	1st 2000	Free Press 0-684-80930-3	RQ
Spring	TC	415	Telecommunications Laboratory	1	Cao	(No text required)				
Spring	TC	432	Local Area Networks	1	Daigle	Stallings	Local and Metropolitan Area Networks	6th 2000	Prentice Hall 0-13-012939-9	RQ
Spring	TC	535	Digital Communications	1	Cao	Lathi	Modern Digital and Analog Communication Systems	3rd 1998	Oxford 0-19-511009-9	RQ

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