

**Spring 2007**

Term	Course Information				Text Information				
	No.	Title	Sec.	Instructor	Author	Title	Ed./Year	Publisher/ISBN	RQ/RC
Spring	EL E 331	Linear Systems	1	Holmes	Ziemer	Signals & Systems: Continuous and Discrete	4th 1998	Pearson 0-13-496456-X	RQ
Spring	EL E 335	Principles of Digital Systems	1	Gordon	Givone	Digital Principles and Design	1st 2003	McGraw-Hill 0-07-252503-7	RQ
Spring	EL E 336	Digital Systems Laboratory I	All	Glisson	Glisson	Digital Systems Lab Notes	4th 2004	Dept. of Electrical Engineering, University of Mississippi N/A	RQ
Spring	EL E 341	Theory of Fields	1	Yang	Hayt and Buck	Engineering Electromagnetics w/ CD	7th 2006	McGraw-Hill 0-07-310463-9	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, Hutchcraft, and Smith	Electronics Lab Manual	2005	Dept. of Electrical Engineering, University of Mississippi 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	3rd 2006	Springer 0-3-8727728-5	RQ
Spring	EL E 433	High Frequency and Microwave Laboratory	All	Inman	EE Department	HF and Microwave Laboratory Manual	1999	Dept. of Electrical Engineering, University of Mississippi N/A	RQ
Spring	EL E 443	Network Analysis and Synthesis	1	Yang	Schaumann and Van Valkenberg	Design of Analog Filters	1st 2001	Oxford 0-19-511877-4	RQ

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Spring	EL E	451	Electrical Energy Conversion	1	Yakovlev	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	Baker	CMOS: Circuit Design, Layout, and Simulation	2nd 2005	IEEE Press/Wiley 0-471-70055-X	RQ
Spring	EL E	462	Senior Design in Electrical Engineering II	All	Goggans/Hutchcraft	(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)	3rd 2005	Wiley 0-471-66782-X	RQ
						Stutzman	Antenna Theory and Design	2nd 1998	Wiley 0-471-02590-9	RC
Spring	ENGR	310	Engineering Analysis I	1	Cao	Kreyszig	Advanced Engineering Mathematics	9th 2006	Wiley 0-471-48885-2	RQ
Spring	ENGR	360	Electric Circuit Theory	1	Goggans	Hayt, Kemmerly, and Durbin	Engineering Circuit Analysis	7th 2007	McGraw-Hill 0-07-326318-4	RQ
Spring	ENGR	361	Electric Circuit Laboratory	All	Dilley	EE Department	Electric Circuits Lab Man 2002	2002	Dept. of Electrical Engineering, University of Mississippi N/A	RQ
Spring	ENGR	362	Electric Circuit Theory	1	Goggans	Hayt, Kemmerly, and Durbin	Engineering Circuit Analysis	7th 2007	McGraw-Hill 0-07-326318-4	RQ
Spring	ENGR	363	Electric Circuit Laboratory	All	Dilley	EE Department	Electric Circuits Lab Man 2002	2002	Dept. of Electrical Engineering, University of Mississippi N/A	RQ

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	No.	Title	Sec.	Instructor	Author	Title	Ed./Year	Publisher/ISBN	RQ/RC
Spring	ENGR 410	Engineering Analysis II	1	Yakovlev	Kreyszig	Advanced Engineering Mathematics	9th 2006	Wiley 0-471-48885-2	RQ
Spring	ENGR 591	Engineering Analysis I	1	Cao	Kreyszig	Advanced Engineering Mathematics	9th 2006	Wiley 0-471-48885-2	RQ
Spring	ENGR 592	Engineering Analysis II	1	Yakovlev	Kreyszig	Advanced Engineering Mathematics	9th 2006	Wiley 0-471-48885-2	RQ
Spring	ENGR 597	Special Topics (Digital Signal Processing)	30	Cao	Proakis and Manolakis	Digital Signal Processing	4th 2006	Prentice Hall 0-13-187374-1	RQ
Spring	ENGR 628	Advanced Numerical Methods in Electromagnetics	1	Glisson	Taflove and Hagness	Computational Electrodynamics: The Finite Difference Time Domain	3rd 2005	Artech 1-58053-832-0	RC
					Peterson, Ray, and Mittra	Computational Methods for Electromagnetics	1st 1998	Wiley 0-7803-1122-1	RC
					Kunz and Luebbers	The Finite Difference Time Domain Method for Electromagnetics	1st 1993	CRC Press 0-8493-8657-8	RC
Spring	ENGR 691	Special Topics (Queuing Theory)	31	Daigle	Daigle	Queueing Theory with Applications to Packet Telecommunication	2005	Springer Science 0-387-22857-8	RQ
Spring	ENGR 691	Special Topics (Advanced Wireless Communications)	37	Matalgah	Goldsmith	Wireless Communications	1st 2005	Cambridge 0-52183716-2	RQ
					Rappaport	Wireless Communications: Principles and Practice	2nd 2002	Prentice Hall 0-13-042232-0	RC
Spring	ENGR 691	Special Projects (Fundamentals of Guided Waves)	38	Yakovlev	Balanis	Advanced Engineering Electromagnetics	1989	Wiley 0-471-62194-3	RQ
					Collin	Field Theory of Guided Waves	2nd 1991	Wiley 0-87942-237-8	RC
					Ishimaru	Electromagnetic Wave Propagation	1991	Pearson 0-13-249053-6	RC
Spring	ENGR 695	Seminar	3	Hutchcraft	(No text required)				

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	No.		Title	Sec.	Instructor	Author	Title	Ed./ Year	Publisher/ ISBN	RQ/ RC
Spring	TC	201	Introduction to Telecommunications	1	Holmes	(No text required)				
Spring	TC	415	Telecommunications Laboratory	1	Cao	(No text required)				
Spring	TC	432	Local Area Networks	1	Daigle	Kurose and Ross	Computer Networking: A Top-Down Approach Featuring the Internet	2nd 2003	Addison-Wesley 0-201-97699-4	RQ
Spring	TC	535	Digital Communications	1	Matalgah	Lathi	Modern Digital and Analog Communication Systems	3rd 1998	Oxford 0-19-511009-9	RQ

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