

Fall 2005

Term	Course Information				Text Information					
	No.	Title	Sec.	Instructor	Author	Title	Ed./Year	Publisher/ISBN	RQ/RC	
Fall	EL E	100	Introduction to Electrical Engineering	1	Gordon	(No text required)				
Fall	EL E	333	Systems Laboratory	All	Gordon	(No text required)				
Fall	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
Fall	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
Fall	EL E	351	Models and Circuits I	1	Hutchcraft	Sedra	Microelectronic Circuits w/CD	5th 2004	Oxford 0-19-514251-9	RQ
Fall	EL E	367	CAD in Electrical Engineering I	1	Inman	Chapman	Fortran 90/95 for Scientists and Engineers	2nd 2004	McGraw-Hill 0-07-282575-8	RQ
Fall	EL E	367	CAD in Electrical Engineering I	1	Inman	Herniter	Schematic Capture with Electronics Workbench Multisim	2004	Pearson 0-13-049614-6	RQ
Fall	EL E	385	Advanced Digital Systems	1	Inman	Mano and Kime	Logic And Computer Design Fundamentals W/CD	3rd 2004	Prentice Hall 0-13-124711-5	RQ
Fall	EL E	431	Theory of Control Systems	1	Daigle	Franklin, Powell, and Enami-Naeini	Feedback Control of Dynamic Systems	4th 2002	Prentice Hall 130323934	RQ
Fall	EL E	441	Electromagnetic Theory I	1	Yang	Cheng	Field & Wave Electromagnetics	2nd 1989	Pearson 0-201-12819-5	RQ
Fall	EL E	447	Modulation, Noise, and Communications	1	Matalgah	Lathi	Modern Digital and Analog Communication Systems	3rd 1998	Oxford 0-19-511009-9	RQ
Fall	EL E	461	Senior Design in Electrical Engineering I	All	Goggans	(No text required)				
Fall	EL E	485	Microprocessor Systems Engineering	1	Yang	Pack and Barrett	68HC12 Microcontroller: Theory and Applications	1st 2002	Prentice Hall 0-13-033776-5	RQ

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Fall	EL E	486	Microprocessor Systems Engineering Laboratory	All	Yang/Inman	(same text as corequisite course EL E 485)				
Fall	EL E	521	Electrical Engineering Projects I	1	Glisson	(No text required)				
Fall	EL E	522	Electrical Engineering Projects II	1	Glisson	(No text required)				
Fall	EL E	533	Electronic Properties of Materials	1	Vaughan	Kasap	Principles of Electronics Engineering Materials and Devices	3rd 2006	McGraw-Hill 0-07-310464-7	RQ
Fall	ENGR	360	Electric Circuit Theory	1	Goggans	Hayt, Kemmerly, and Durbin	Engineering Circuit Analysis -W/CD	6th 2002	McGraw-Hill 0-07-285320-4	RQ
Fall	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
Fall	ENGR	598	Special Projects (Parallel Programming)	3	Gordon	Pacheco	Parallel Programming with MPI	1997	Elsevier 1-55860-339-5	RQ
Fall	ENGR	618	Coding for Error Control	1	Daigle	Wicker	Error Control Systems for Digital Communication and Storage	1994	Pearson 0-13-200809-2	RQ
Fall	ENGR	621	Advanced Electrodynamics	1	Elsherbeni	Balanis	Advanced Engineering Electromagnetics	1989	Wiley 0-471-62194-3	RQ
Fall	ENGR	623	Passive Microwave Circuits	1	Kishk	Kajfez	Passive Microwave Circuits	1995	U Miss Print 84-400-3323-0	RQ
Fall	ENGR	626	Numerical Methods in Electromagnetics	1	Elsherbeni/ Glisson	Hanselman	Mastering Matlab 7	2005	Pearson 0-13-143018-1	RC
Fall	ENGR	626	Numerical Methods in Electromagnetics	1	Elsherbeni/ Glisson	Chapra	Applied Numerical Methods with Matlab for Engineers and Scientists	1st 2005	McGraw Hill 0-07-239265-7	RC
Fall	ENGR	626	Numerical Methods in Electromagnetics	1	Elsherbeni/ Glisson	Sadiku	Numerical Techniques in Electromagnetics	2nd 2001	CRC Press 0-8493-1395-3	RC

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	No.		Title	Sec.	Instructor	Author	Title	Ed./Year	Publisher/ISBN	RQ/RC
Fall	ENGR	691	Special Topics (Green's Functions)	3	Yakovlev	Hanson and Yakovlev	Operatory Theory for Electromagnetics	1st 2002	Spring 0-387-95278-0	RQ
Fall	ENGR	691	Special Topics (Finite Elements for EM)	18	Hutchcraft	Jin	The Finite Element Method in Electromagnetics	2nd 2002	Wiley 0-471-43818-9	RQ
Fall	ENGR	691	Special Topics (Parallel Programming)	17	Gordon	Pacheco	Parallel Programming with MPI	1997	Elsevier 1-55860-339-5	RQ
Fall	ENGR	695	Seminar	3	Yakovlev	(No text required)				
Fall	ENGR	695	Seminar	8	Daigle	(No text required)				
Fall	ENGS	627	Applied Probability Modeling	1	Cao	Ross	Introduction to Probability Models	8th 2003	Elsevier 0-12-598055-8	RQ
Fall	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
Fall	TC	491	Special Topics (Cellular and PCS Systems)	1	Holmes	Rappaport	Wireless Communications: Principles and Practice	2nd 2002	Prentice Hall 0-13-042232-0	RQ
Fall	TC	534	Wireless Mobile Communications	1	Cao	Rappaport	Wireless Communications: Principles and Practice	2nd 2002	Prentice Hall 0-13-042232-0	RQ

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