

ECE Spring 2012 Undergraduate Textbooks

Course Number/Section	Course Title	Faculty	Text Title	Author	ISBN	Edition	Price	Required/Optional
EE1002	Introduction To Electrical Engineering	Matthew Campisi	Make: Electronics	Charles Platt	978-0596153748	1st	\$21.84	Required
EE136	Communication Networks	Kang Xi	Data And Computer Communications	William Stallings	132433109	8th	\$92.07	Required
EE2013	Circuits 1	Matthew Campisi	Engineering Circuit Analysis	Hayt/Kimmerly Durbin	978-0-07-286611-7	7th	\$96.23	Optional
EE2024	Circuits 2	Matthew Campisi	Engineering Circuit Analysis	Hayt/Kimmerly Durbin	978-0-07-286611-7	7th	\$96.23	Optional
EE3114	Electronics 1	Mike Knox	Microelectronics Circuit Analysis And Design	Donald A. Neamen	978-0-07-338064-3	4th	\$138.00	Required
EE3124	Electronics 2	Mike Knox	Microelectronics Circuit Analysis And Design	Donald A. Neamen	978-0-07-338064-3	4th	\$138.00	Required
EE3193	Introduction To Very Large Scale Integrated Circuits	Hai Li	Cmos Vlsi Design: A Circuits And Systems Perspective	Neil Weste, David Harris	978-0321149015	3rd	\$66.00	Required
EE 3824	Electric Energy Conversion	Dariusz Czarkowski	Electrical Machines, Drives and Power System	Theodore Wildi	978-0-13-1776913	6th	\$134.00	Required
EE3404	Fund Of Communication Theory	Matthew Campisi	Modern Digital and Analog Communication Systems	Lathi	978-0195331455	4th	\$66.00	Required

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EL5123	IMAGE PROCESSING	Matthew Campisi	Systems Engineering Principles and Practice	Kossiakoff	10-0470405481	2nd	\$65.80	Optional
EL5253 - LI	Applied Matrix Theory	Peter Voltz	The Theory Of Matrices	Peter Lancaster & Miron Tismenetsky	0-12-435560-9	2nd	\$181.54	Required
EL5373	Internet Architecture And Protocols	Yong Liu	TCP/IP Essentials: A Lab-Based Approach	Shivendra Panwar, Shiwen Mao, Jeong-Dong Ryoo, & Yihan Li	9780521601245	Nov-04	\$58.00	Required
EL5373	Internet Architecture And Protocols	Eric Brendel	TCP/IP Essentials: A Lab-Based Approach	Shivendra Panwar, Shiwen Mao, Jeong-Dong Ryoo, & Yihan Li	9780521601245	Nov-04	\$58.00	Required
EL5463	Microwave Integrated Circuits	Spencer Kuo	Microwave Engineering	David M. Pozar	0-471-44878-8	3rd	\$144.50	Optional
EL5463 - LI	Introduction To Rf/Microwave Integrated Circuits	I Tai Lu	Microwave Transistor Amplifier	G. Gonzalez	0-13-254335-4	2nd	\$115.90	Optional
EL5463 / LI	Microwave Integrated Circuits	Spencer Kuo	Microwave Transistor Amplifier	G. Gonzalez	0-13-254335-4	2nd	\$115.90	Optional
EL5483	Real Time Embedded Hardware Design	N. S. Artan	The 8051 Microcontroller	I. Scott Mackenzie	978-0-130-19562-3	4th	\$124.28	Optional
			Embedded Dsp Processor Design, : Application Specific Instruction Set Processors (Systems On Silicon)	Dake Liu	978-0-123-74123-3	1st	\$76.39	Optional
			Customizable Embedded Processors: Design Technologies And Applications (Systems On Silicon)	Paolo lenne, Rainer Leupers	978-0-123-69526-0	1st	\$77.95	Optional
			Embedded Multiprocessors: Scheduling And Synchronization, Second Edition (Signal Processing And Communications)	Shuvra S. Bhattacharyya	978-1-420-04801-8	2nd	\$115.05	Optional
EL5493	Advanced Computer Hardware Design	N. S. Artan	FPGA Prototyping By Vhdl Examples	Pong P. Chu	978-0-470-18531-5	1st	\$95.00	Optional
			Synthesis Of Arithmetic Circuits: Fpga, Asic And Embedded Systems	Jean-Pierre Deschamps, Gery J.A. Bioul, Gustavo D. Sutter	978-0-471-68783-2	1st	\$39.17	Optional
			RTL Hardware Design Using Vhdl	Pong P. Chu	978-0-471-72092-8	1st	\$133.95	Optional
			VLSI Digital Signal Processing Systems: Design And Implementation	Keshab K. Parhi	978-0-471-24186-7	1st	\$135.70	Optional
			100 Power Tips For FPGA Designers	Evgeni Stavinov	978-1-461-18629-8	1st	\$39.17	Optional
EL5673	Electronic Power Supplies	Dariusz Czarkowski	Pulse Width Modulated Dc-Dc Power Convertors	Marian K. Kazimierzczuk	978-0-470-77301-7	1st	\$108.30	Required
EL6013	Principles Of Digital Communications	Rangan	Digital Communications	Proakis & Salehi	978-0072957167	5th	\$171.49	Required
EL6113	Signals and Systems	Matthew Campisi	Signals and Systems	Oppenheim/Willisky	0-13-814757-4	2nd	\$124.76	Optional
EL6313	Stochastic Processes	Unnikrishna Pillai	Probability, Random Variables And Stochastic Processes	Papoulis And Pillai	978-0071226615	4th	\$81.57	Optional
EL6433/LI	Digital Ic Design	Frank Cassara	Analysis & Design Of Digital Integrated Circuits	Hodges, Jackson, & Saleh	0-07-228365-3	3rd	\$171.86	Required
EL6583	Fiber Optic Communications	Spencer Kuo	Fiber Optic Communications	Joseph C. Palais	0-13-008510-3	5th	\$118.79	Optional
EL6623	Pwr Syst Economic & Plan	Sindhu Suresh	Integration of Green and Renewable Energy in Electric Power Systems	Ali Keyhani, Mohammad N. Marwali, Min Dai	978-0470187760	1st	\$95.25	Optional
EL6623	Pwr Syst Economic & Plan	Sindhu Suresh	Design of Smart Power Grid Renewable Energy Systems	Ali Keyhani	978-0-470-62761-7	1st	\$119.49	Optional
EL7133	Digital Signal Processing	Ivan Selesnick	A Course On Digital Signal Processing	Boaz Porat	0-471-14961-6	1st	\$176.25	Required
EL7373	High Performance Switches And Routers	Yang Xu	High Performance Switches And Routers	H. Jonathan Chao And Bin Liu	978-0-470-05367-6	1st	\$149.95	Required
EL9033	Advances In The Physical Layer	Elza Erkip	Wireless Communications	A. Goldsmith	978-0521837163	2005	\$73.50	Optional
EL9033	Advances In The Physical Layer	Elza Erkip	Fundamentals Of Wireless Communication	D. Tse And P. Viswanath	978-0-521-84527-4	2005	\$71.17	Optional
EL9393 - LI	Radar Fundamentals	Peter Voltz	Introduction To Radar Systems	Merrill Skolnik	978-0-07-288138-7	3rd	\$119.95	Required