

Textbook Adoptions - Fall 2007

Course	Course Title	Title	Author	Publisher	Edition	Req/ Opt	ISBN	Instructor
1400	Intro Dig/Analog Elect	None						Lightner
2120	Computers as Components	The Motorola MC68000 Microprocessor Family: Assembly Language, Interface Design, and System Design	Harman	PH/Pearson	2nd	R	0-131-58742-0	Pleszkun
2250	Circuits 1	Analysis & Design of Linear Circuits	Thomas & Rosa	Wiley	5e/2006	R	0-471-76095-1	Mathys
		Pspice for Linear Circuits	Svoboda	Wiley	ver 9.2/2002		0-471-20194-4	
2260	Circuits 2	Analysis & Design of Linear Circuits	Thomas & Rosa	Wiley	4e	R		Erickson
3017	Circuits/electronics	Electrical Engineering: Principles & Applications	Hambley	PH/Pearson	4e/2007	R		Newhall
3030	Circuits for non-majors	Essentials of Electrical and Computer Engineering	Kerns and Irwin	PH/Pearson	2004	R	0-13-923970-7	Pleszkun
3100	Digital Logic	Fundamentals of Digital Logic with Verilog Design	Brown & Vranesic	McGraw Hill	2e/2007	R	9780-077-21164-6	Avery
3170	Energy Conversion 1	None						Fuchs
3250	Circuits 3	Microelectronic Circuits	Sedra & Smith	Oxford	5e/2003	R	0-19-514251-9	Zane
		Spice	Roberts & Sedra	Oxford	2e/1996	R	0-19-510845-6	
3300	Linear Systems	Signals & Systems	Oppenheim, Willsky, Nawab	PH/Pearson	2nd	R	0-138-14757-4	Meyer, F
3320	Semiconductor Devices	Notes						Van Zeghb
3400	EM Fields/Waves	Introductory Electromagnetics	Popovic & Popovic	online				Gasiewski
3810	Intro to Probability	Probability and Stochastic Processes: A Friendly Introduction for Electrical and Computer Engineers	Yates & Goodman	Wiley	2nd/ 2005	R	0-471-27214-0	Brown, Tim
4/5004	Tpc-Fund of Microsyst Pckgng	Fundamentals of Microsystems Packaging	Rao Tummala	McGraw Hill	2001/1st	R	0-071-37169-9	Piket-May
4006	Optical Communication	Fiber Optic Communications	Palais	PH/Pearson	2005/5e		0-130-08510-3	Barnes
4/5011	Design of Med Devices	Textbook of Medical Physiology	Guyton & Hall	Elsevier	11th	R	0-72-160240-1	Mihran
4/5018	sp tpc	None						Hauser
4033/5543	SW Engr Standalone	Software Engineering	Sommerville	Addison-Wesley	8e	R	0-32-121026-3	Dameron
		A Practitioner's Guide to Software Testing	Copeland	Artech House		R	158053791X	
4/5053	SW Engr Dist Syst	Distributed Systems Concepts and Design	Coulouris, Dollimore & Kindberg	Addison-Wesley	4th/2005*	R	0-321-26354-5	Dameron
		Practical Guide to Testing Object Oriented Software	McGregor & Sykes	Addison-Wesley	2001	O	0-201-32564-0	
4138	Control Systems Analysis	Feedback Control of Dynamic Systems	Franklin, Powell & Ememi-Naeini	PH/Pearson	5th	R	0-131-49930-0	Meyer, D
4242	Communication Theory	Fundamentals of Communications Systems	Fitz	McGraw-Hill Pro	1e/2007	R	0-071-48280-6	Liu
4593	Computer Organization	Computer Systems Design & Architecture	Heuring & Jordan	PH/Pearson	2e/2004	R	0-130-48440-7	Heuring
4610	Capstone	None						Brown, Tom
4613/5613	Embedded Syst Design	None						McClure
4/5616	Optoelectric Sys Design	Geometrical Optics and Optical Design	Mouroulis & Macdonald	Oxford	1996	R	0-19-508931-6	McLeod
4623/5623	Real-Time Embed Syst	Real-Time Embedded Components & Systems	Siewert	Charles River Media	2006	R	1-584-50468-4	Siewert
4633/5633	Hybrid Embed Syst	None						Avery
4634/5014	Transmission Lab	None						Kuester
4638	Control Systems Lab	None						Murphey

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4652	Communications Lab	None							Mathys
4696	Optical Circs Lab	Fiber Optic Communications	Palais	Pearson/PH	5e/2005	R	0-130-08510-3		Mickelson
4/5797	Intro to Power Elect	Fundamentals of Power Electronics	Erickson & Maksimovic	Springer	2nd	R	0-7923-7270-0		Erickson
4/5827	Analog IC Design	None							Maksimovic
4/5831	Brains, Minds & Compt	Principles of Neural Science	Kandel, Schwartz & Jessell	McGraw Hill Medica	4th	R	0-8385-7701-6		Wachtel
5026	Intro to Quantum Opt	Quantum Optics: An Introduction	Fox	Oxford	2006	R	0-198-56673-5		Mickelson
5134	Electromag Radiation	Antenna Theory, Analysis & Design	Balanis	Wiley	3e/2005	R	0-471-66782-X		Filipovic
5139	Formal Verification VLSI	Model Checking	Clarke, Grumberg & Peled	MIT Press	2000	R	0-262-03270-8		Somenzi
5345	Intro to Solid State	Introduction to Solid State Physics	Kittel	Wiley	8e/2005*	R	0-471-41526-X		Moddel
5355	Princ Elect Devices 1	Device Electronics for Integrated Circuits	Muller, Kamins & Chan	Wiley	3rd/2003	R	0-471-59398-2		Park
5448	Adv Linear Systems	Linear Systems Theory and Design	Chen	Oxford	3e/1998	R	0-195-11777-8		Mullis
		Linear Algebra Done Right	Axler	Springer	2e/2004	R	0-387-98258-2		
5458	Samp Data/Dig Contr	Digital Control of Dynamic Systems	Franklin, Powell and	PH/Pearson	1998/3rd	R	0-201-82054-4		Pao
5593	Adv Computer Architect	Computer Architecture: A Quantitative Approach	Hennessy & Patterson	Morgan Kaufman	3rd	R	1-55860-596-7		Connors
5612	Noise/Random Process	Probability and Random Processes with Applications to Signal Processing	Woods and Stark	PH/Pearson	3rd	R	0-13-020071-9		Brown, Tim
5622	Info Theory & Coding	Elements of Information Theory	Cover & Thomas	Wiley	2e/2006	R	0-471-06259-6		Liu
5632	Theory/Appl Digital Filter								Mullis
5696	Fourier Optics/Holograph	Introduction to Fourier Optics	Goodman	Roberts & Co.	3e/2004*	R	0-974-70772-4		Wagner
6006	SpTp-Nanophotonics								Piestun
6144	EM Boundary Problems	none							Kuester
7438	Theory of Nonlinear Syst								Hauser
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