

Fall 2011: EECS TEXTBOOK ORDER

Please see the most updated information on http://wolverineaccess.umich.edu/ -> UM COURSE CATALOG -> Class Search (enter course subject and number) -> click on the class section number -> See Textbooks/Other Materials on the last row								
Catalog Nbr	Section	Instructor Names	Title/Description	Author	ISBN	Edition	Textbook Required Status	Publisher
182	1	Prakash,Atul	Python for software design : how to think like a computer scientist	Allen B. Downey.	9780521898119		Optional	Cambridge University Press
182	1	Prakash,Atul	Using Google App Engine	Severance, Charles R.	059680069X		Optional	O'Reilly
182	1	Prakash,Atul	Python for Informatics, Exploring Information by Charles Severance.				Required	
203	1	Pettie,Seth; Lee,Honglak	Discrete Mathematics and Its Application	Kenneth Rosen	0073352470	UM VERSION	Required	McGraw Hill
203	2	Lee,Honglak; Pettie,Seth	Discrete Mathematics and Its Application	Kenneth Rosen	0073352470	UM VERSION	Required	McGraw Hill
203	3	Pollack,Martha E	Discrete Mathematics and Its Application	Kenneth Rosen	0073352470	UM VERSION	Required	McGraw Hill
215	1	Ulaby,Fawwaz T	Circuits Make Sense by A Ganago, 7E, ISBN 9780470907122 http://www.wiley.com/WileyCDA/Section/id-406762.html				Required	
215	2	Ulaby,Fawwaz T	Circuits Make Sense by A Ganago, 7E, ISBN 9780470907122 http://www.wiley.com/WileyCDA/Section/id-406762.html				Required	
216	1	Yagle,Andrew E	Continuous and discrete signals and systems	Samir S. Soliman, Mandyam D. S	0135184738	2nd ed.	Required	Prentice Hall
216	2	Lafortune,Stephane	Continuous and discrete signals and systems	Samir S. Soliman, Mandyam D. S	0135184738	2nd ed.	Required	Prentice Hall
230	1	Gilchrist,Brian E	Fundamentals of Applied Electromagnetics, by F Ulaby, 6th Ed		0132139316		Required	
230	2	Rand,Stephen C	Fundamentals of Applied Electromagnetics, by F Ulaby, 6th Ed		0132139316		Required	
270	1	Mazumder,Pinaki	EECS 270 Coursepack by Pinaki Mazumder Contact Dollar Bill Copying				Optional	
270	1	Mazumder,Pinaki	Digital Design with RTL Design, Verilog and VHDL	Frank Vahid	0470531088	SECOND	Required	Wiley
270	2	Mazumder,Pinaki	Digital Design with RTL Design, Verilog and VHDL	Frank Vahid	0470531088	SECOND	Required	Wiley

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270	2	Mazumder, Pinaki	EECS 270 Coursepack by Pinaki Mazumder Contact Dollar Bill Copying				Optional	
280	1	Essl, Georg	Absolute C++	Walter Savitch ; contributor,	9780136083818	4th ed.	Required	Addison-Wesley
280	2	Ringenberg, Jeff	Absolute C++	Walter Savitch ; contributor,	9780136083818	4th ed.	Required	Addison-Wesley
280	3	Garcia, Hector J; Tederington, Holly Christine	Absolute C++	Walter Savitch ; contributor,	9780136083818	4th ed.	Required	Addison-Wesley
281	1	Chesney, David R; Jamin, Sugih	Introduction to algorithms	Thomas H. Cormen ... [et al.].	0262033844	3rd ed.	Required	MIT Press
281	1	Chesney, David R; Jamin, Sugih	The C++ standard library a tutorial and reference	Nicolai M. Josuttis	0201379260	5. print.	Optional	Addison-Wesley
281	2	Jamin, Sugih; Chesney, David R	The C++ standard library a tutorial and reference	Nicolai M. Josuttis	0201379260	5. print.	Optional	Addison-Wesley
281	2	Jamin, Sugih; Chesney, David R	Introduction to algorithms	Thomas H. Cormen ... [et al.].	0262033844	3rd ed.	Required	MIT Press
311	1	Wentzloff, David D	Microelectronic circuits	Adel S. Sedra, Kenneth C. Smit	9780195323030	6th ed.	Required	Oxford University Press
312	1	Sylvester, Dennis Michael	Digital integrated circuits : a design perspective	Jan M. Rabaey; Anantha Chandra	0130909963	2. ed.	Required	Prentice Hall
314	1	Ganago, Alexander O	Making Sense of Elec Eng in the Lab, 3rd Ed, by Ganago, http://www.wiley.com/WileyCDA/Section/id-611715.html				Required	
314	1	Ganago, Alexander O	Electrical engineering : principles and applications	Allan R. Hambley.	9780132130066	5th ed.	Optional	Pearson Education
314	1	Ganago, Alexander O	http://he-cda.wiley.com/WileyCDA/Section/id-380918.html				Optional	
320	1	Guo, L Jay	Semiconductor device fundamentals : [with computer-based exercises and homework problems]	Robert F. Pierret.	0201543931	Reprint. w	Required	Addison-Wesley
320	2	Bhattacharya, Pallab K	Semiconductor device fundamentals : [with computer-based exercises and homework problems]	Robert F. Pierret.	0201543931	Reprint. w	Required	Addison-Wesley
330	1	Jarrahi, Mona	Fundamentals of applied electromagnetics	Fawwaz T. Ulaby, Eric Michiels	9780132139311	6th ed.	Required	Prentice Hall

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334	1	Rand,Stephen C	Introduction to optics	Frank L. Pedrotti, Leno S. Ped	0131499335	3rd ed. --	Required	Pearson Prentice Hall
370	1	Narayanasamy,Satish; Bertacco,Valeria M	Computer organization and design : the hardware/software interface	David A. Patterson, John L. He	0123744938	4th ed.	Required	Morgan Kaufmann Publishers
370	2	Bertacco,Valeria M; Narayanasamy,Satish	Computer organization and design : the hardware/software interface	David A. Patterson, John L. He	0123744938	4th ed.	Required	Morgan Kaufmann Publishers
376	1	Compton,Kevin J	Introduction to the theory of computation		9780534950972		Required	Thomson Course Technology
401	1	Liu,Mingyan	Probability and stochastic processes : a friendly introduction for electrical and computer engineers	Roy D. Yates, David J. Goodman	9780471272144	2nd ed.	Required	John Wiley & Sons
406	1	Islam,Mohammed Nazrul	Technology ventures : from idea to enterprise	Byers, Thomas (Thomas H.)	0073380180		Required	McGraw-Hill
411	1	Mortazawi,Amir	Microwave engineering	David M. Pozar.	0471448788	3rd ed.	Required	J. Wiley
413	1	Flynn,Michael	Design of analog CMOS integrated circuits	Behzad Razavi.	9780072380323		Required	McGraw-Hill
414	1	Yoon,Euisik	Foundations of MEMS	Chang Liu.	0132497360	2nd ed.	Required	Prentice Hall
420	1	Zhong,Zhaohui	Quantum transport : atom to transistor	Supriyo Datta.	9780521631457	Repr. with	Optional	Cambridge University Press
420	1	Zhong,Zhaohui	Solid state physics	Neil W. Ashcroft, N. David Mer	0030839939	27. repr.	Optional	Holt, Rinehart and Winston
420	1	Zhong,Zhaohui	Introduction to solid state physics	Charles Kittel.	9780471415268	8th ed.	Required	John Wiley & Sons
421	1	Singh,Jasprit	Semiconductor device physics and design	by Umesh K. Mishra and Jasprit	9781402064807		Required	Springer
423	1	Pang,Stella W	Fabrication engineering at the micro and nanoscale	Campbell, Stephen A., 1954-	9780195320176		Required	Oxford University Press
427	1	Blaauw,David	Digital integrated circuits : a design perspective	Jan M. Rabaey; Anantha Chandra	0130909963	2. ed.	Required	Prentice Hall
434	1	Carmon,Tal Eliezer	Fundamentals of photonics	Bahaa E. A. Saleh; Malvin Carl	0471358320	2. ed.	Required	Wiley-Interscience

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451	1	Yagle,Andrew E	Digital signal processing : [principles, algorithms, and applications]	John G. Proakis ; Dimitris G.	0131873741	4. ed.	Required	Pearson/Prentice Hall
452	1	Brehob,Mark W B						
455	1	Stark,Wayne E						
458	1	Fan,Xudong; Claflin,Dennis R						
460	1	Grizzle,Jessy W	Automatic Control Systems, By B Kuo, F Golnaraghi, Publisher Wiley				Required	
463	1	Hiskens,Ian	Power system analysis and design	J. Duncan Glover, Mulukutla S.	9781111425777	5th ed.	Optional	Cengage Learning
470	1	Wenisch,Thomas F; Sleiman,Faissal	Computer architecture : a quantitative approach	John L. Hennessy, David A. Pat	0123704901	4th ed.	Optional	Morgan Kaufmann
478	1	Hayes,John Patrick	Logic synthesis and verification algorithms	by Gary D. Hachtel; Fabio Some	0387310045	1st softco	Optional	Springer
478	1	Hayes,John Patrick	Switching and finite automata theory	Zvi Kohavi, Niraj K. Jha.	9780521857482	3rd ed.	Optional	Cambridge University Press
480	1	Compton,Kevin J	Logic in computer science : modelling and reasoning about systems	Huth, Michael, 1962-	9780521543101		Required	Cambridge University Press
482	1	Chen,Peter M	Modern operating systems	Andrew S. Tanenbaum.	0136006639	3rd ed.	Optional	Pearson Prentice Hall
484	1	Jagadish,Hosagrahar V	Database management systems	Ramakrishnan Raghu, Johannes G	0072465638	3. bs.	Required	Mcgraw Hill
492	1	Kuipers,Benjamin	Artificial Intelligence, 3rd ed, By S Russell, P Norvig, ISBN 9780136042594				Required	
494	1	Laird,John E	The art of game design : a book of lenses	Jesse Schell.	9780123694966	[Nachdr.].	Required	Elsevier/Morgan Kaufmann
497	1	Soloway,Elliot	Crossing the chasm : marketing and selling disruptive products to mainstream customers	Geoffrey A. Moore ; with a for	0060517123	Rev. ed.,	Required	CollinsBusiness Essentials
497	1	Soloway,Elliot	The mythical man month essays on software engineering	Frederick P. Brooks	9780201835953	Anniversar	Required	Addison-Wesley

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501	1	Winick, Kim A	Introduction to probability	Dimitri P. Bertsekas and John	188652923X	2nd ed.	Required	Athena Scientific
515	1	Gianchandani, Yogesh B	No Required Textbook					
516	1	Xu, Zhen	Medical imaging systems	Macovski, Albert, 1929-	9780135726853		Optional	Prentice-Hall
517	1	Kushner, Mark	Plasma physics and engineering	Fridman, Alexander A., 1953-	9781560328483		Optional	Taylor & Francis
517	1	Kushner, Mark	Principles of plasma discharges and materials processing	Michael A. Lieberman, Allan J.	9780471720010	2nd ed.	Required	Wiley-Interscience
523	1	Lahiji, Gholamhassan Roientan	Fundamentals of modern VLSI devices	Yuan Taur, Tak H. Ning.	9780521832946	2nd ed.	Optional	Cambridge University Press
527	1	Markov, Igor L	Vlsi Physical Design From Graph Partitioning to Timing Closure.		904819590X		Required	Springer Verlag
529	1	Ku, PC	Physics of photonic devices	Shun Lien Chuang.	9780470293195	2nd ed.	Required	John Wiley & Sons
530	1	Sarabandi, Kamal	Time-harmonic electromagnetic fields	Roger F. Harrington.	047120806X		Optional	IEEE Press [u.a.]
530	1	Sarabandi, Kamal	Electromagnetic wave theory	Jin Au Kong.	0966814398		Optional	EMW Pub.
532	1	England, Anthony W	No Required Textbook					
537	1	Norris, Theodore B	No Required Textbook					
538	1	Galvanauskas, Almantas	Optical waves in crystals : propagation and control of laser radiation	Amnon Yariv, Pochi Yeh.	0471091421		Required	Wiley
540	1	Steel, Duncan G	Introductory quantum mechanics.		9780805387148		Optional	Addison-Wesley
540	1	Steel, Duncan G	Quantum mechanics	Merzbacher, Eugen.	9780471887027		Required	Wiley
543	1	Durfee, Edmund H	Paradigms of artificial intelligence programming : case studies in Common Lisp	Norvig, Peter.	9781558601918		Required	Morgan Kaufman Publishers

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543	1	Durfee,Edmund H	Prolog programming for artificial intelligence	Ivan Bratko.	0201403757	3rd ed.	Required	Addison Wesley
545	1	Scott,Clayton D						
551	1	Sadanandarao,Sandeep P	Matrix analysis for scientists and engineers	Alan J. Laub.	0898715768		Required	Society for Industrial and App
554	1	Anastasopoulos,Achilleas	Digital communications	John G. Proakis, Masoud Salehi	9780072957167	5th ed.	Required	McGraw-Hill
568	1	Olson,Edwin	No Required Textbook					
569	1	Meerkov,Semyon M	Production Systems Engineering	Meerkov.	0387755799		Required	Springer-Verlag US
571	1	Shin,Kang Geun	No Required Textbook					
574	1	Shi,Yaoyun	Computational complexity : a modern approach	Sanjeev Arora, Boaz Barak.	0521424267		Required	Cambridge University Press
583	1	Mahlke,Scott	No Required Textbook					
584	1	Cafarella,Michael John	No Required Textbook					
587	1	Stout,Quentin F	No Required Textbook					
589	1	Mao,Zhuoqing	No Required Textbook					
598	1	Raieszadeh,Mina	RF MEMS : theory, design, and technology	Rebeiz, Gabriel M.	9780471201694		Optional	J. Wiley
598	2	Zhang,Zhengya	No Required Textbook					
632	1	Moghaddam,Mahta	No Required Textbook					
634	1	Winful,Herbert Graves	Nonlinear optics	by Robert W. Boyd.	0123694701	3rd ed.	Optional	Academic

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634	1	Winful,Herbert Graves	Fundamental Nonlinear Optics.		9781420093513		Optional	CRC Pr I Llc
650	1	Anastasopoulos,Achilleas	No Required Textbook					
659	1	Hero III,Alfred O	Adaptive signal processing algorithms : stability and performance	Victor Solo, Xuan Kong.	0135012635		Optional	Prentice Hall