

Winter 2010: EECS Book List

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
203	002	Shi,Yaoyun; Hayes,John Patrick	Discrete Mathematics and Its Application	Kenneth Rosen	0073352470	UM VERSION	Required	McGraw Hill
203	001	Hayes,John Patrick; Shi,Yaoyun	Discrete Mathematics and Its Application	Kenneth Rosen	0073352470	UM VERSION	Required	McGraw Hill
215	002	Guo,L Jay	Circuits	Ulaby, Fawwaz T. (Fawwaz Tayss	1934891002		Required	National Technology & Science
215	001	Terry Jr,Fred L	Circuits	Ulaby, Fawwaz T. (Fawwaz Tayss	1934891002		Required	National Technology & Science
216	001	Grizzle,Jessy W	Continuous and discrete signals and systems	Samir S. Soliman, Mandyam D. S	0135184738	2nd ed.	Required	Prentice Hall
216	002	Winick,Kim A	Continuous and discrete signals and systems	Samir S. Soliman, Mandyam D. S	0135184738	2nd ed.	Required	Prentice Hall
280	002	Noble,Brian D	Absolute C++	Walter Savitch ; contributor,	9780136083818	4th ed.	Required	Addison-Wesley
280	001	Ringenberg ,Jeff	Absolute C++	Walter Savitch ; contributor,	9780136083818	4th ed.	Required	Addison-Wesley
312	001	Zhang,Zhengya	Digital integrated circuits : a design perspective	Jan M. Rabaey; Anantha Chandra	0130909963	2. ed.	Required	Prentice Hall
314	001	Ganago,Alexander O	Making Sense of Electrical Engineering 2nd Edition with EE Supplement for UMICH Set , http://he-cda.wiley.com/WileyCDA/Section/id-380918.html				Required	
314	001	Ganago,Alexander O	Making Sense of Electrical Engineering in the Lab, 2nd , http://he-cda.wiley.com/WileyCDA/Section/id-380920.html				Required	
314	001	Ganago,Alexander O	Electrical engineering : principles and applications	Allan R. Hambley.	0131989227	4th ed.	Required	Pearson Prentice Hall
320	001	Ku,PC	Semiconductor device fundamentals : [with computer- based exercises and homework problems]	Robert F. Pierret.	0201543931	Reprint. w	Required	Addison-Wesley
320	002	Zhong,Zhaohui	Semiconductor device fundamentals : [with computer- based exercises and homework problems]	Robert F. Pierret.	0201543931	Reprint. w	Required	Addison-Wesley

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370	002	Mahlke,Scott; 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	001	Bertacco,Valeria M; Mahlke,Scott	Computer organization and design : the hardware/software interface	David A. Patterson, John L. He	0123744938	4th ed.	Required	Morgan Kaufmann Publishers
381	001	Kieras,David Edward	The C++ standard library a tutorial and reference	Nicolai M. Josuttis	0201379260	5. print.	Optional	Addison-Wesley
381	001	Kieras,David Edward	The C++ programming language	Bjarne Stroustrup	0201889544	3. ed., 5.	Required	Addison-Wesley-Longman
381	001	Kieras,David Edward	The C programming language	Brian W. Kernighan; Dennis M.	0131103628	2. ed., [N	Required	Prentice Hall
381	001	Kieras,David Edward	C: a reference manual	Samuel P. Harbison and Guy L.	013089592X	5. ed.	Required	Prentice Hall
401	001	Scott,Clayton D	Introduction to probability	Dimitri P. Bertsekas and John	9781886529236	2nd ed.	Required	Athena Scientific
430	001	Gilchrist,Brian E	No Required Textbook					
451	001	Yagle,Andrew E	Digital signal processing : [principles, algorithms, and applications]	John G. Proakis; Dimitris G. M	0131873741	4. ed.	Required	Pearson/Prentice Hall
458	001	Xu,Zhen	Medical instrumentation : application and design	John G. Webster.	9780471676003	4th ed.	Optional	Wiley
470	001	Wenisch,Thomas F	Computer architecture : a quantitative approach	John L. Hennessy, David A. Pat	9780123704900	4th ed.	Required	Morgan Kaufmann
478	001	Markov,Igor L	Logic synthesis and verification algorithms	by Gary D. Hachtel; Fabio Some	0387310045	1st softco	Optional	Springer
483	001	Narayanasamy,Satish	Compilers : principles, techniques, & tools.	Alfred V. Aho ... [et al.].	9780321486813	2nd ed.	Required	Pearson Addison-Wesley
487	001	Jamin,Sugih	OpenGL programming guide : the official guide to learning OpenGL, versions 3.0 and 3.1	Dave Shreiner ; the Khronos Op	0321552628	7th ed.	Required	Addison-Wesley

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487	001	Jamin,Sugih	Graphics & visualization : principles & algorithms	T. Theoharis ... [et al.] ; wi	1568812744		Required	A.K. Peters
492	001	Olson,Edwin	Artificial Intelligence.		9780136042594		Required	Prentice Hall
498	001	Lafortune,Stephane	Introduction to discrete event systems	Christos G. Cassandras, Stepha	9780387333328	2nd ed.	Required	Springer Science+Business Medi
498	006	Hiskens,Ian	Renewable and efficient electric power systems	Gilbert M. Masters.	9780471280606	[Online-Au	Optional	John Wiley & Sons
502	001	Teneketzis,Demosthenis	Introduction to stochastic processes	[by] Paul G. Hoel, Sidney C. P	0881332674		Required	Waveland Press
502	001	Teneketzis,Demosthenis	Markov chains : Gibbs fields, Monte Carlo simulation, and queues	Pierre Bremaud.	0387985093	Corr. 2. p	Required	Springer
511	001	Flynn,Michael						
522	001	Wentzloff,David D	The design of CMOS radio-frequency integrated circuits	Thomas H. Lee. --	0521835399	2nd ed. --	Required	Cambridge University Press
528	001	Pang,Stella W	Silicon VLSI technology : fundamentals, practice and modeling	James D. Plummer; Michael D. D	0130850373		Required	Prentice Hall
539	001	Carmon,Tal Eliezer	Lasers	Anthony E. Siegman.	0935702113	[Nachdr.]	Required	Univ. Science Books
594	001	Holland,John H	Emergence : from chaos to order	John H. Holland.	0738201421	3. paperba	Required	Perseus Books
594	001	Holland,John H	Hidden order : how adaptation builds complexity	John H. Holland.	0201442302	1st. pbk.	Required	Basic Books
638	001	Rand,Stephen C	Elements of quantum optics	Pierre Meystre, Murray Sargent	9783540742098	4th ed.	Required	Springer
755	001	Fessler,Jeffrey A	No Required Textbook					