

Winter 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
203	001	Kuipers,Benjamin	Discrete Mathematics and Its Application	Kenneth Rosen	0073352470	UM VERSION	Required	McGraw Hill
203	002	Mudge,Trevor N	Discrete Mathematics and Its Application	Kenneth Rosen	0073352470	UM VERSION	Required	McGraw Hill
215	001	Guo,L Jay	Circuits	Fawwaz T. Ulaby and Michel M.	9781934891100		Required	National Technology and Scienc
215	001	Guo,L Jay	Circuits Make Sense by A Ganago, 7E, ISBN 9780470907122 http://www.wiley.com/WileyCDA/Section/id-406762.html				Required	
215	002	Terry Jr,Fred Lewis	Circuits	Fawwaz T. Ulaby and Michel M.	9781934891100		Required	National Technology and Scienc
215	002	Terry Jr,Fred Lewis	Circuits Make Sense by A Ganago, 7E, ISBN 9780470907122 http://www.wiley.com/WileyCDA/Section/id-406762.html				Required	
216	001	Wakefield,Gregory H	Continuous and discrete signals and systems	Samir S. Soliman, Mandyam D. S	0135184738	2nd ed.	Required	Prentice Hall
216	002	Yagle,Andrew E	Continuous and discrete signals and systems	Samir S. Soliman, Mandyam D. S	0135184738	2nd ed.	Required	Prentice Hall
230	001	Michielssen,Eric	Fundamentals of Applied Electromagnetics, by F Ulaby, 6th Ed		0132139316		Required	
230	002	Kushner,Mark	Fundamentals of Applied Electromagnetics, by F Ulaby, 6th Ed		0132139316		Required	
250	001	La Fave,Aerik Robert						

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250	003	La Fave,Aerik Robert						
270	001	Mazumder,Pinaki; Shin,Kang Geun	Digital design, with RTL design, VHDL, and Verilog	Frank Vahid.	9780470531082	2nd ed.	Required	John Wiley
270	002	Shin,Kang Geun; Mazumder,Pinaki	Digital design, with RTL design, VHDL, and Verilog	Frank Vahid.	9780470531082	2nd ed.	Required	John Wiley
280	001	Ringenberg,Jeff	Absolute C++	Walter Savitch ; contributor,	9780136083818	4th ed.	Required	Addison-Wesley
280	002	Noble,Brian D	Absolute C++	Walter Savitch ; contributor,	9780136083818	4th ed.	Required	Addison-Wesley
281	001	Syed,Zeeshan	The C++ standard library a tutorial and reference	Nicolai M. Josuttis	0201379260	5. print.	Optional	Addison-Wesley
281	001	Syed,Zeeshan	Introduction to algorithms	Thomas H. Cormen ... [et al.].	0262033844	3rd ed.	Required	MIT Press
281	002	Chesney,David R	The C++ standard library a tutorial and reference	Nicolai M. Josuttis	0201379260	5. print.	Optional	Addison-Wesley
281	002	Chesney,David R	Introduction to algorithms	Thomas H. Cormen ... [et al.].	0262033844	3rd ed.	Required	MIT Press
311	001	Raieszadeh,Mina	Microelectronic circuits	Adel S. Sedra, Kenneth C. Smit	0195323033	6th ed.	Required	Oxford University Press
312	001	Zhang,Zhengya	Digital integrated circuits : a design perspective	Jan M. Rabaey; Anantha Chandra	0130909963	2. ed.	Required	Prentice Hall

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314	001	Ganago,Alexander O	Electrical engineering : principles and applications	Allan R. Hambley.	0131989227	4th ed.	Optional	Pearson 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				Optional	
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	
320	001	Bhattacharya,Pallab K	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
330	001	England,Anthony W	Fundamentals of applied electromagnetics	Fawwaz T. Ulaby.	0132413264	5. ed.	Required	Pearson/Prentice Hall
334	001	Rand,Stephen C	Introduction to optics	Frank L. Pedrotti, Leno S. Ped	0131499335	3rd ed. --	Required	Pearson Prentice Hall
370	001	Dick,Robert; Mahlke,Scott	Computer organization and design : the hardware/software interface	David A. Patterson, John L. He	0123744938	4th ed.	Required	Morgan Kaufmann Publishers
370	002	Mahlke,Scott; Dick,Robert	Computer organization and design : the hardware/software interface	David A. Patterson, John L. He	0123744938	4th ed.	Required	Morgan Kaufmann Publishers
376	001	Shi,Yaoyun	Introduction to the theory of computation	Michael Sipser.	9780534950972	2nd ed.	Required	Thomson Course Technology
381	001	Kieras,David Edward	C: a reference manual	Samuel P. Harbison and Guy L.	013089592X	5. ed.	Optional	Prentice Hall

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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	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
401	001	Sadanandarao,Sandeep P	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
402	001	Morgan,Andrew Michael						
417	001	Cain,Charles A						
419	001	Hofmann,Heath						
427	001	Blaauw,David	Digital integrated circuits : a design perspective	Jan M. Rabaey; Anantha Chandra	0130909963	2. ed.	Required	Prentice Hall
429	001	Ku,PC	Semiconductor Optoelectronic D	Pallab Bhattacharya	0134956567	2ND	Required	Prentice Hall
430	001	Gilchrist,Brian E						
438	001	Galvanauskas,Almantas	Introduction to optics.	Pedrotti, Leno S., 1927-	9780131499331		Optional	Prentice Hall

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451	001	Nadakuditi,Rajesh Rao	Digital signal processing : [principles, algorithms, and applications]	John G. Proakis; Dimitris G. M	0131873741	4. ed.	Required	Pearson/Prentice Hall
458	001	Fan,Xudong						
460	001	Grizzle,Jessy W	Automatic control systems	Benjamin C. Kuo, Farid Golnara	0471134767	8th ed.	Required	J. Wiley
477	001	Pettie,Seth	Introduction to algorithms	Thomas H. Cormen ... [et al.].	0262033844	3rd ed.	Required	MIT Press
478	001	Markov,Igor L	Logic synthesis and verification algorithms	by Gary D. Hachtel; Fabio Some	0387310045	1st softco	Optional	Springer
482	001	Flinn,Jason Nelson	Modern operating systems	Andrew S. Tanenbaum.	0136006639	3rd ed.	Optional	Pearson Prentice Hall
482	002	Honeyman,Peter	Modern operating systems	Andrew S. Tanenbaum.	0136006639	3rd ed.	Optional	Pearson Prentice Hall
483	001	Narayanasamy,Satish	Compilers : principles, techniques, & tools.	Alfred V. Aho ... [et al.].	9780321486813	2nd ed.	Required	Pearson Addison-Wesley
484	001	Lefevre,Kristen R	Database management systems	Ramakrishnan, Raghu.	9780072465631		Required	McGraw-Hill
485	001	Cafarella,Michael John						
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	1.569E+09		Required	A.K. Peters
489	001	Mao,Zhuoqing	UNIX network programming	W. Richard Stevens, Bill Fenne	0131411551	3rd ed.	Required	Addison-Wesley
489	001	Mao,Zhuoqing	Computer networking : a top-down approach	James F. Kurose, Keith W. Ross	0136079679	5th ed.	Required	Addison-Wesley
492	001	Olson,Edwin	Artificial Intelligence, 3rd ed, By S Russell, P Norvig, ISBN 9780136042594				Required	
493	001	Ackerman,Mark Steven	Building interactive systems : principles for human-computer interaction	Dan R. Olsen Jr.	0538754605		Required	Course Technology
493	001	Ackerman,Mark Steven	Building interactive systems : principles for human-computer interaction	Olsen, Dan R., 1953-	1.424E+09		Required	Course Technology
497	001	Soloway,Elliot; Dorf,Mary Lou	Crossing the chasm : marketing and selling disruptive products to mainstream customers	Geoffrey A. Moore ; with a for	0060517123	Rev. ed.,	Required	CollinsBusiness Essentials
497	001	Soloway,Elliot; Dorf,Mary Lou	The mythical man month essays on software engineering	Frederick P. Brooks	9780201835953	Anniversar	Required	Addison-Wesley
498	001	Lahiji,Gholamhassan Roiantan	Fundamentals of power semiconductor devices	B. Jayant Baliga.	9780387473130	1. Ed.	Optional	Springer
501	001	Anastasopoulos,Achilleas	Probability and random processes for electrical and computer engineers	John A. Gubner.	0521864704		Required	Cambridge University Press
502	001	Teneketzis,Demosthenis	Markov chains : Gibbs fields, Monte Carlo simulation, and queues	Pierre Bremaud.	0387985093	Corr. 2. p	Required	Springer

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502	001	Teneketzis, Demosthenis	Introduction to stochastic processes	[by] Paul G. Hoel, Sidney C. P	0881332674		Required	Waveland Press
520	001	Singh, Jasprit	Electronic and optoelectronic properties of semiconductor structures	Jasprit Singh.	052182379 X		Required	Cambridge University Press
521	001	Lu, Wei	Fundamentals of modern VLSI devices	Yuan Taur, Tak H. Ning.	0521832942	2nd ed.	Required	Cambridge University Press
522	001	Flynn, Michael; Wentzloff, David D	The design of CMOS radio-frequency integrated circuits	Thomas H. Lee. --	0521835399	2nd ed. --	Required	Cambridge University Press
525	001	Mortazawi, Amir	Microwave transistor amplifiers : analysis and design	Guillermo Gonzalez.	0132543354	2nd ed.	Required	Prentice Hall
528	001	Pang, Stella W	Silicon VLSI technology : fundamentals, practice, and modeling	Plummer, James D.	9780130850379		Required	Prentice Hall
533	001	Sarabandi, Kamal						
539	001	Carmon, Tal Eliezer	Lasers	Anthony E. Siegman.	0935702113	8. print.	Required	University Science Books
541	001	Steel, Duncan G	Quantum mechanics	Eugen Merzbacher.	0471887021	3. ed.	Required	Wiley
556	001	Fessler, Jeffrey A						
562	001	Kolmanovsky, Ilya Vladimir	Nonlinear systems	Hassan K. Khalil	0130673897	3. ed.	Required	Prentice-Hall

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567	001	Gillespie,Brent	Robot modeling and control	Mark W. Spong, Seth Hutchinson	0471649902		Required	John Wiley & Sons
575	001	Compton,Kevin J	Introduction to modern cryptography	Jonathan Katz, Yehuda Lindell.	1.585E+09		Required	Chapman & Hall/CRC
590	001	Boyapati,Chandrasekhar	Types and programming languages	Benjamin C. Pierce.	0262162091	6. printin	Optional	MIT Press
595	001	Radev,Dragomir Radkov	Speech and language processing : an introduction to natural language processing, computational linguistics, and speech recognition	Daniel Jurafsky, James H. Mart	9780131873216	2nd ed.	Required	Pearson Prentice Hall
597	001	Abney,Steven P	Foundations of statistical natural language processing	Manning, Christopher D.	9780262133609		Required	MIT Press
598	002	Phillips,Jamie Dean	The physics of solar cells	Jenny Nelson.	9781860943492	Repr.	Required	Imperial College Press
598	004	Winick,Kim A	Quantum computation and quantum information	Michael A. Nielsen & Isaac L.	0521635039	Repr.	Required	Cambridge Univ. Press