

Winter 2012: EECS Book 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	Resnick,Paul J	Using Google App Engine	Severance, Charles R.	059680069X		Optional	O'Reilly
182	1	Resnick,Paul J	Python programming	Zelle, John M..	9781887902991		Optional	Franklin, Beedle
203	1	Kuipers,Benjamin; Shi,Yaoyun	Discrete mathematics and its applications	Kenneth H. Rosen.	0073383090	7th ed.	Required	McGraw-Hill
203	2	Shi,Yaoyun; Kuipers,Benjamin	Discrete mathematics and its applications	Kenneth H. Rosen.	0073383090	7th ed.	Required	McGraw-Hill
215	1	Terry Jr,Fred Lewis	Circuits	Fawwaz T. Ulaby and Michel M.	9781934891100		Required	National Technology and Scienc
215	2	Guo,L Jay	Circuits	Fawwaz T. Ulaby and Michel M.	9781934891100		Required	National Technology and Scienc
216	1	Winick,Kim A	Continuous and discrete signals and systems	Samir S. Soliman, Mandyam D. S	0135184738	2nd ed.	Required	Prentice Hall
216	2	Winick,Kim A	Continuous and discrete signals and systems	Samir S. Soliman, Mandyam D. S	0135184738	2nd ed.	Required	Prentice Hall
230	1	Kushner,Mark	Fundamentals of Applied Electromagnetics, by F Ulaby, 6th Ed		0132139316		Required	
230	2	Winful,Herbert Graves	Fundamentals of Applied Electromagnetics, by F Ulaby, 6th Ed		0132139316		Required	
270	1	Sakallah,Karem A; Shin,Kang Geun	Digital design, with RTL design, VHDL, and Verilog	Frank Vahid.	9780470531082	2nd ed.	Required	Wiley
270	2	Shin,Kang Geun; Sakallah,Karem A	Digital design, with RTL design, VHDL, and Verilog	Frank Vahid.	9780470531082	2nd ed.	Required	Wiley
280	1	Ringenberg,Jeff	Absolute C++	Walter Savitch ; contributor,	9780136083818	4th ed.	Required	Addison-Wesley
280	2	Noble,Brian D	Absolute C++	Walter Savitch ; contributor,	9780136083818	4th ed.	Required	Addison-Wesley
280	3		Absolute C++	Walter Savitch ; contributor,	9780136083818	4th ed.	Required	Addison-Wesley
281	1	DeOrio,Andrew Whitehouse; Syed,Zeeshan	Introduction to algorithms	Thomas H. Cormen ... [et al.].	0262033844	3rd ed.	Required	MIT Press

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281	2	Syed,Zeeshan; DeOrio,Andrew Whitehouse	Introduction to algorithms	Thomas H. Cormen ... [et al.].	0262033844	3rd ed.	Required	MIT Press
282	1	Prakash,Atul	Absolute Java	Walter Savitch ; contributor,	013608382X	4th ed.	Required	Addison-Wesley
282	1	Prakash,Atul	Pragmatic unit testing : in Java with JUnit	Andy Hunt ; David Thomas.	0974514012	2. print.	Optional	Pragmatic Bookshelf
311	1	Raieszadeh,Mina	Microelectronic circuits	Adel S. Sedra, Kenneth C. Smit	9780195323030	6th ed.	Required	Oxford University Press
312	1	Zhang,Zhengya	Digital integrated circuits : a design perspective	Jan M. Rabaey; Anantha Chandra	0130909963	2. ed.	Required	Prentice Hall
314	1	Ganago,Alexander O	Electrical engineering : principles and applications	Allan R. Hambley.	9780132130066	5th ed.	Optional	Pearson Education
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	http://he-cda.wiley.com/WileyCDA/Section/id-380918.html				Optional	
320	1	Ku,PC	Semiconductor device fundamentals : [with computer-based exercises and homework problems]	Robert F. Pierret.	0201543931	Reprint. w	Required	Addison-Wesley
320	2	Phillips,Jamie Dean	Semiconductor device fundamentals : [with computer-based exercises and homework problems]	Robert F. Pierret.	0201543931	Reprint. w	Required	Addison-Wesley
330	1	England,Anthony W	Fundamentals of applied electromagnetics	Fawwaz T. Ulaby, Eric Michiels	9780132139311	6th ed.	Required	Prentice Hall
334	1	Jarrahi,Mona	Introduction to optics	Frank L. Pedrotti, Leno S. Ped	9780131499331	3rd ed. --	Required	Pearson Prentice Hall
370	1	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
370	2	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
376	1	Strauss,Martin J	Introduction to the theory of computation		9780534950972		Required	Thomson Course Technology
381	1	Kieras,David Edward	C: a reference manual	Samuel P. Harbison and Guy L.	013089592X	5. ed.	Optional	Prentice Hall

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381	1	Kieras,David Edward	The C programming language	Brian W. Kernighan; Dennis M.	0131103628	2. ed., [N	Required	Prentice Hall
381	1	Kieras,David Edward	The C++ standard library a tutorial and reference	Nicolai M. Josuttis	0201379260	5. print.	Optional	Addison-Wesley
381	1	Kieras,David Edward	The C++ programming language	Bjarne Stroustrup	0201889544	3. ed., 5.	Required	Addison-Wesley-Longman
401	1	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
417	1	Purcell,Erin Kay	No Required Textbook					
427	1	Sylvester,Dennis Michael	CMOS VLSI design : a circuits and systems perspective	Neil H.E. Weste, David Money H	9780321547743	4th ed.	Required	Addison Wesley
429	1	Bhattacharya,Pallab K	Semiconductor Optoelectronic D	Pallab Bhattacharya	0134956567	2ND	Required	Prentice Hall
451	1	Yagle,Andrew E	Digital signal processing : [principles, algorithms, and applications]	John G. Proakis ; Dimitris G.	0131873741	4. ed.	Required	Pearson/Prentice Hall
460	1	Meerkov,Semyon M	Automatic Control Systems, By B Kuo, F Golnaraghi, Publisher Wiley				Required	
477	1	Pettie,Seth	Introduction to algorithms	Thomas H. Cormen ... [et al.].	0262033844	3rd ed.	Required	MIT Press
484	1	Jagadish,Hosagrahar V	Database management systems	Ramakrishnan Raghu, Johannes G	0072465638	3. bs.	Required	Mcgraw Hill
487	1	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
487	1	Jamin,Sugih	Graphics & visualization : principles & algorithms	T. Theoharis ... [et al.] ; wi	1568812744		Required	A.K. Peters
492	1	Durfee,Edmund H	Artificial Intelligence, 3rd ed, By S Russell, P Norvig,		9780136042594		Required	
498	2	Nadakuditi,Rajesh Rao	Matrix analysis for scientists and engineers	Alan J. Laub.	0898715768		Required	Society for Industrial and App
501	1	Anastasopoulos,Achilleas	Probability and random processes for electrical and computer engineers	John A. Gubner.	0521864704		Required	Cambridge University Press

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502	1	Teneketzis, Demosthenis	Markov chains : Gibbs fields, Monte Carlo simulation, and queues	Pierre Bremaud.	0387985093	Corr. 2. p	Required	Springer
502	1	Teneketzis, Demosthenis	Introduction to stochastic processes	[by] Paul G. Hoel, Sidney C. P	0881332674		Required	Waveland Press
520	1	Singh, Jasprit	Electronic and optoelectronic properties of semiconductor structures	Jasprit Singh.	052182379X		Required	Cambridge University Press
522	1	Wentzloff, David D	The design of CMOS radio-frequency integrated circuits	Thomas H. Lee. --	0521835399	2nd ed. --	Optional	Cambridge University Press
539	1	Carmon, Tal Eliezer	Lasers	Anthony E. Siegman.	0935702113	8. print.	Required	University Science Books
545	1	Lee, Honglak	Pattern recognition and machine learning	Christopher M. Bishop.	0387310738	Corr. prin	Required	Springer
556	1	Fessler, Jeffrey A	No Required Textbook					
557	1	Teneketzis, Demosthenis	Data networks	Dimitri Bertsekas, Robert Gall	0132009161	2nd ed.	Required	Prentice Hall
562	1	Grizzle, Jessie W	Nonlinear systems	Hassan K. Khalil	0130673897	3. ed.	Required	Prentice-Hall
575	1	Compton, Kevin J	Introduction to modern cryptography	Jonathan Katz, Yehuda Lindell.	1584885513		Required	Chapman & Hall/CRC
579	1	Hayes, John Patrick	Essentials of electronic testing for digital, memory and mixed-signal VLSI circuits	Michael L. Bushnell; Vishwani	9780792379911	2. print.	Required	Kluwer Acad. Publ.
586	1	Stout, Quentin F	Introduction to algorithms	Thomas H. Cormen ... [et al.].	9780262033848	3rd ed.	Required	MIT Press
597	1	Abney, Steven P	Foundations of statistical natural language processing	Christopher D. Manning; Hinric	9780262133609	2. print.	Required	MIT Press
598	2	Rivas Davila, Juan Manuel	Fundamentals of power electronics	Robert W. Erickson; Dragan Mak	0792372700	2. ed.	Required	Kluwer Acad. Publ
598	2	Rivas Davila, Juan Manuel	Principles of power electronics	John G. Kassakian, Martin F. S	9780201096897	Repr. with	Optional	Addison-Wesley