

Fall 09: 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
203	001	Boyapati,Chandrasekhar	Discrete Mathematics and Its Application	Kenneth Rosen	0073352470	UM VERSION	Required	McGraw Hill
203	002	Baveja,Satinder Singh	Discrete Mathematics and Its Application	Kenneth Rosen	0073352470	UM VERSION	Required	McGraw Hill
215	001	Ulaby,Fawwaz T	Circuits	Ulaby and Maharbiz	1934891002		Required	NTS Press
215	001	Ulaby,Fawwaz T	http://he-cda.wiley.com/WileyCDA/Section/id-380919.html				Required	
215	002	Phillips,Jamie Dean	Circuits	Ulaby and Maharbiz	1934891002		Required	NTS Press
215	002	Phillips,Jamie Dean	http://he-cda.wiley.com/WileyCDA/Section/id-380919.html				Required	
216	001	Lafortune,Stephane	Continuous and discrete signals and systems	Samir S. Soliman, Mandyam D. S	0135184738	2nd ed.	Required	Prentice Hall
216	002	Wakefield,Gregory H	Continuous and discrete signals and systems	Samir S. Soliman, Mandyam D. S	0135184738	2nd ed.	Required	Prentice Hall
230	001	Grbic,Anthony	Fundamentals of applied electromagnetics	Fawwaz T. Ulaby.	0132413264	5. ed.	Required	Pearson/Prentice Hall
230	002	Grbic,Anthony	Fundamentals of applied electromagnetics	Fawwaz T. Ulaby.	0132413264	5. ed.	Required	Pearson/Prentice Hall
270	001	Brehob,Mark W B; Sakallah,Karem A	Digital design	Frank Vahid.	0470044373		Required	J. Wiley

Fall 09: EECS Book Order

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270	002	Sakallah,Karem A; Brehob,Mark W B	Digital design	Frank Vahid.	0470044373		Required	J. Wiley
280	001	Hodges,Mark Richard	Absolute C++	Walter Savitch.	0321468937	3rd ed.	Required	Pearson/Addison Wesley
280	002	Ringenberg,Jeff	Absolute C++	Walter Savitch.	0321468937	3rd ed.	Required	Pearson/Addison Wesley
281	001	Markov,Igor L	Foundation Algos Using C++ Pse	Richard Neapolitan and Kumarss	97807637635 41	THIRD	Required	Jones and Bartlett
281	002	Jagadish,Hosagrahar V	Foundation Algos Using C++ Pse	Richard Neapolitan and Kumarss	97807637635 41	THIRD	Required	Jones and Bartlett
311	001	Wentzloff,David D	Microelectronic circuit design.		97800733094 84		Required	Mcgraw-Hill
312	001	Dick,Robert	Digital integrated circuits : a design perspective	Jan M. Rabaey; Anantha Chandra	0130909963	2. ed.	Required	Prentice Hall
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	http://he-cda.wiley.com/WileyCDA/Section/id-380918.html				Required	
314	001	Ganago,Alexander O	http://he-cda.wiley.com/WileyCDA/Section/id-380920.html				Required	
320	001	Guo,L Jay	Semiconductor device fundamentals : [with computer-based exercises and homework problems]	Robert F. Pierret.	0201543931	Reprint . w	Required	Addison-Wesley

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320	002	Bhattacharya,Pallab K	Semiconductor device fundamentals : [with computer-based exercises and homework problems]	Robert F. Pierret.	0201543931	Reprint . w	Required	Addison-Wesley
330	001	Michielssen,Eric	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	Austin,Todd M; Wenisch,Thomas F	Computer organization and design : the hardware/software interface	David A. Patterson, John L. He	0123744938	4th ed.	Required	Morgan Kaufmann Publishers
370	002	Wenisch,Thomas F; Austin,Todd M	Computer organization and design : the hardware/software interface	David A. Patterson, John L. He	0123744938	4th ed.	Required	Morgan Kaufmann Publishers
376	001	Pettie,Seth	Introduction to the theory of computation	Sipser, Michael.	9780534947286		Required	PWS Pub. Co
381	001	Kieras,David Edward	C: a reference manual	Samuel P. Harbison and Guy L.	013089592X	5. ed.	Required	Prentice Hall
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.	Required	Addison-Wesley
381	001	Kieras,David Edward	The C++ programming language	Bjarne Stroustrup	0201889544	3. ed., 5.	Required	Addison-Wesley-Longman
401	001	Momcilovic,Petar	Introduction to probability	Dimitri P. Bertsekas and John	9781886529236	2nd ed.	Required	Athena Scientific

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411	001	Mortazawi, Amir	Microwave engineering	David M. Pozar.	0471448788	3rd ed.	Required	J. Wiley
413	001	Flynn, Michael	Design of analog CMOS integrated circuits	Behzad Razavi.	0071188398	Internatio	Required	McGraw-Hill
420	001	Zhong, Zhaohui	Solid state physics	Neil W. Ashcroft, N. David Mer	0030839939	27. repr.	Optional	Holt, Rinehart and Winston
420	001	Zhong, Zhaohui	Introduction to solid state physics	Charles Kittel.	9780471415268	8th ed.	Required	John Wiley & Sons
420	001	Zhong, Zhaohui	Quantum transport : atom to transistor	Supriyo Datta.	9780521631457	Repr. with	Optional	Cambridge University Press
421	001	Lu, Wei	Fundamentals of semiconductor devices	Betty Lise Anderson, Richard L	0072369779		Required	McGraw-Hill Higher Education
423	001	Pang, Stella W	Fabrication engineering at the micro and nanoscale	Campbell, Stephen A., 1954-	0195320174		Required	Oxford University Press
427	001	Zhang, Zhengya	Digital integrated circuits : a design perspective	Jan M. Rabaey; Anantha Chandra	0130909963	2. ed.	Required	Prentice Hall
434	001	Carmon, Tal Eliezer	Fundamentals of photonics	Bahaa E. A. Saleh; Malvin Carl	0471358320	2. ed.	Required	Wiley-Interscience
442	001	Savarese, Silvio	Computer vision : a modern approach	David A. Forsyth; Jean Ponce.	0130851981	Reprinted	Optional	Prentice Hall
442	001	Savarese, Silvio	Multiple view geometry in computer vision	Richard Hartley, Andrew Zisser	0521540518	2nd ed.	Optional	Cambridge University Press

Fall 09: EECS Book Order

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451	001	Yagle,Andrew E	Digital signal processing	John G. Proakis, Dimitris G. M	0131873741	4TH	Required	Prentice Hall
458	001	Kipke,Daryl R	Medical instrumentation : application and design	Webster, John G., 1932-	97804716760 03		Required	Wiley
460	001	Del Vecchio,Domitilla	Automatic control systems	Benjamin C. Kuo, Farid Golnara	0471134767	8th ed.	Required	J. Wiley
470	001	Brehob,Mark W B	Computer architecture : a quantitative approach	John L. Hennessy, David A. Pat	0123704901	4th ed.	Required	Morgan Kaufmann
480	001	Compton,Kevin J	Logic in computer science : modelling and reasoning about systems	Huth, Michael, 1962-	97805215431 01		Required	Cambridge University Press
482	001	Chen,Peter M	Modern operating systems	Andrew S. Tanenbaum.	0136006639	3rd ed.	Optional	Pearson Prentice Hall
484	001	Jagadish,Hosagrahar V	Database management systems	Ramakrishnan Raghu, Johannes G	0072465638	3. bs.	Required	Mcgraw Hill
487	001	Jamin,Sugih	OpenGL Programming Guide (7th Edition)	Dave Shreiner	0321552628	7TH	Required	Addison-Wesley
487	001	Jamin,Sugih	Graphics & visualization : principles & algorithms	T. Theoharis ... [et al.] ; wi	1568812744		Required	A.K. Peters
492	001	Kuipers,Benjamin	Artificial Intelligence & Preview Chapters	Russell & Norvig	0131373285	2ND	Required	
497	001	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

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497	001	Soloway, Elliot	The mythical man month essays on software engineering	Frederick P. Brooks	9780201835953	Anniversary	Required	Addison-Wesley
498	002	Jagadish, Hosagrahar V	Database management systems	Raghu Ramakrishnan, Johannes G	0071151109	3rd ed.	Required	McGraw-Hill
498	003	Jagadish, Hosagrahar V	Database management systems	Raghu Ramakrishnan, Johannes G	0071151109	3rd ed.	Required	McGraw-Hill
498	004	Hiskens, Jan	Power system analysis and design	J. Duncan Glover, Mulukutla S.	9780534548841	4th ed.	Optional	Thomson
498	005	Terry Jr, Fred L	Quantum mechanics for scientists and engineers	Miller, D. A. B.	0521897831		Optional	Cambridge University Press
498	005	Terry Jr, Fred L	Quantum mechanics : for engineering, materials science, and applied physics	Kroemer, Herbert, 1928-	9780137470983		Optional	Prentice Hall
498	005	Terry Jr, Fred L	Introductory applied quantum and statistical mechanics	Hagelstein, Peter L.	9780471202769		Required	Wiley-Interscience
498	005	Terry Jr, Fred L	Thermal physics	Kittel, Charles.	9780716710882		Optional	W.H. Freeman
498	007	Essl, Georg	No Textbook required					
498	008	Lahiji, Gholamhassan Roientan	Power electronics : converters, applications, and design	Ned Mohan, Tore M. Undeland, W	9780471226932	3rd ed.	Required	John Wiley & Sons
501	001	Winick, Kim A	Probability and random processes for electrical and computer engineers	John A. Gubner.	0521864704		Required	Cambridge University Press

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516	001	Fessler,Jeffrey A	Medical imaging signals and systems	Jerry L. Prince, Jonathan M. L	0130653535		Required	Pearson Prentice Hall
517	001	Kushner,Mark	Principles of plasma discharges and materials processing	Michael A. Lieberman, Allan J.	9780471720010	2nd ed.	Required	Wiley-Interscience
523	001	Sylvester,Dennis Michael	Fundamentals of modern VLSI devices	Yuan Taur, Tak H. Ning.	9780521832946	2nd ed.	Required	Cambridge University Press
529	001	Ku,PC	Physics of photonic devices	Shun Lien Chuang.	9780470293195	2nd ed.	Required	John Wiley & Sons
530	001	Sarabandi,Kamal	Electromagnetic wave theory	Jin Au Kong.	0966814398		Required	EMW Pub.
537	001	Norris,Theodore B						
538	001	Galvanauskas,Almantas	Optical waves in crystals : propagation and control of laser radiation	Amnon Yariv, Pochi Yeh.	0471091421		Required	Wiley
540	001	Steel,Duncan G	Merzbacher, 3rd., Quantum Mechanics Liboff, 4th ed. Introductory Quantum Mechanics Davydov, Quantum Mechanics, out of print, copy at DollarBill, South Univ. At least one text book is strongly advised. Davydov or Merzbacher will be needed for 541, Liboff is adequate for 540.				Required	
545	001	Scott,Clayton D	No Textbook required					

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550	001	Neuhoff,David L	No Textbook required					
551	001	Nadakuditi,Rajesh Rao	Mathematical methods and algorithms for signal processing	Todd K. Moon; Wynn C. Stirling	0201361868		Required	Prentice Hall
554	001	Anastasopoulos,Achilleas	Digital communications	John G. Proakis, Masoud Salehi	9780072957167	5th ed.	Required	McGraw-Hill
558	001	Tenektetzi,Demosthenis	No Textbook required					
560	001	Grizzle,Jessy W	Linear system theory and design	Chi-Tsong Chen.	0195117778	3rd ed.	Optional	Oxford University Press
560	001	Grizzle,Jessy W	Linear State-Space Control Systems	Robert L Williams, III, Dougla	9780471735557	3RD ED	Optional	John Wiley & Sons
560	001	Grizzle,Jessy W	A linear systems primer	Panos J. Antsaklis, Anthony N.	9780817644604		Optional	Birkhauser
574	001	Compton,Kevin J	Computational complexity : a modern approach	Sanjeev Arora, Boaz Barak.	0521424267		Required	Cambridge University Press
579	001	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.
582	001	Flinn,Jason Nelson	No Textbook required					
583	001	Mahlke,Scott	No Textbook required					

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584	001	Lefevre,Kristen R	No Textbook required					
587	001	Stout,Quentin F	No Textbook required					
595	001	Abney,Steven P	Speech and Language Processing	D. Jurafsky and J. Martin	9780131873216	SECON	Required	Pearson/Prentice Hall
598	001	Essl,Georg	No Textbook required					
598	002	Syed,Zeeshan	No Textbook required					
634	001	Winful,Herbert Graves	Nonlinear optics	by Robert W. Boyd.	0123694701	3rd ed.	Required	Academic
662	001	Meerkov,Semyon M	Nonlinear systems	Hassan K. Khalil	0130673897	3. ed.	Required	Prentice-Hall