

Fall 2018: EECS Textbook Order

Please see the most updated information on <a href="http://wolverineaccess.umich.edu/">http://wolverineaccess.umich.edu/</a> -> 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
198	1	Wendlandt,Laura A; Mihalcea,Rada	No Textbooks Required					
203	1	Hayes,John Patrick	Discrete mathematics and its applications	Kenneth H. Rosen.	0073383090	7th ed.	Required	McGraw-Hill
203	2	Graetz,Emily Robin	Discrete mathematics and its applications	Kenneth H. Rosen.	0073383090	7th ed.	Required	McGraw-Hill
203	3	Graetz,Emily Robin	Discrete mathematics and its applications	Kenneth H. Rosen.	0073383090	7th ed.	Required	McGraw-Hill
203	4	Diaz,Kimberly Khalsa	Discrete mathematics and its applications	Kenneth H. Rosen.	0073383090	7th ed.	Required	McGraw-Hill
203	5	Diaz,Kimberly Khalsa	Discrete mathematics and its applications	Kenneth H. Rosen.	0073383090	7th ed.	Required	McGraw-Hill
215	1	Phillips,Jamie Dean	<p>Book: Engineering Circuit Analysis, 9th Edition, by William Hayt and Jack Kemmerly and Jamie Phillips and Steven Durbin, McGraw Hill, Copyright: 2019. EARLIER EDITIONS NOT ACCEPTABLE</p> <p>Students can choose one of three options for the book:                      First option is electronically using "Connect"                      Second option is using "Connect", but also including a looseleaf text                      Third option is hardcover copy through bookstore rental.</p> <p>HAYT CNCT 1S AC ENG CRCT ANALY 9 2019                      Connect Access Card only                      ISBN: 9781260540703                      Discount Price \$85.00                      (I also made your CONNECT direct registration link for students \$85)                      HAYT GEN CMB LL ENGR CIRC ANALY 9 2019                      9781260263138                      CONNECT Access Card with Loose Leaf Text                      ISBN: 9781260540666                      Discount Price \$104.00</p> <p>Hardcover can be rented through the Barnes and Noble bookstore on campus only.                      Price: \$98 before their markup                      ISBN: 9780078028151</p>					

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Catalog Nbr	Section	Instructor Names	Title/Description	Author	ISBN	Edition	Textbook Required Status	Publisher
215	2	Winful,Herbert Graves	Book: Engineering Circuit Analysis, 9th Edition, by William Hayt and Jack Kemmerly and Jamie Phillips and Steven Durbin, McGraw Hill, Copyright: 2019. EARLIER EDITIONS NOT ACCEPTABLE Students can choose one of three options for the book: First option is electronically using "Connect" Second option is using "Connect", but also including a looseleaf text Third option is hardcover copy through bookstore rental. HAYT CNCT 1S AC ENG CRCT ANALY 9 2019 Connect Access Card only ISBN: 9781260540703 Discount Price \$85.00 (I also made your CONNECT direct registration link for students \$85) HAYT GEN CMB LL ENGR CIRC ANALY 9 2019 9781260263138 CONNECT Access Card with Loose Leaf Text ISBN: 9781260540666 Discount Price \$104.00 Hardcover can be rented through the Barnes and Noble bookstore on campus only. Price: \$98 before their markup ISBN: 9780078028151					
216	1	Anastasopoulos,Achilleas	We will be using the freely available textbook: Signals & Systems: Theory and Applications by Ulaby and Yagle <a href="https://www.publishing.umich.edu/publications/ee/">https://www.publishing.umich.edu/publications/ee/</a>					
216	2	Anastasopoulos,Achilleas	We will be using the freely available textbook: Signals & Systems: Theory and Applications by Ulaby and Yagle <a href="https://www.publishing.umich.edu/publications/ee/">https://www.publishing.umich.edu/publications/ee/</a>					
230	1	Rand,Stephen C	Fundamentals of Applied Electromagnetics - 7th edition, by Ulaby, ISBN10: 0133356817				Required	
230	2	Lee,Somin Eunice	Fundamentals of Applied Electromagnetics - 7th edition, by Ulaby, ISBN10: 0133356817				Required	
270	1	Smith,Matthew J; VanLaven,Joel Jacob	Digital design, with RTL design, VHDL, and Verilog	Frank Vahid.	9780470531082	2nd ed.	Required	John Wiley
301	1	Stark,Wayne E	Probability, statistics, and random processes for electrical engineering	Alberto Leon-Garcia.	9780131471221	3rd ed.	Optional	Pearson/Prentice Hall
311	1	Flynn,Michael	Microelectronic Circuit, 7th edition, OCLC 898005732	Adel S Sedra; Kenneth C Smith	9780199339136	7TH	Required	Oxford University Press
312	1	Kim,Hun Seok	Digital integrated circuits : a design perspective	Jan M. Rabaey; Anantha Chandra	0130909963	2. ed.	Required	Prentice Hall
314	1	Ganago,Alexander O	EECS 314: Making Sense of Electrical Engineering in Lab				Required	
314	1	Ganago,Alexander O	Ee21c:Electrical Engineering for 21st Century, By Ganago				Required	
320	1	Forrest,Stephen R	Semiconductor device fundamentals : [with computer-based exercises and homework problems]	Robert F. Pierret	9780201543933	Reprint. w	Required	Addison-Wesley
330	1	Tsang,Leung	Fundamentals of Applied Electromagnetics - 7th edition, by Ulaby, ISBN10: 0133356817				Required	

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334	1	Deotare,Parag Bhaskar	Introduction to optics	Frank L. Pedrotti, Leno S. Ped	0131499335	3rd ed. --	Required	Pearson Prentice Hall
351	1	Yagle,Andrew E	Ulaby and Yagle. Available from free download at <a href="http://ss2.eecs.umich.edu">http://ss2.eecs.umich.edu</a>					
370	1	Das,Reetuparna; Davis,Harrison; Mudge,Trevor N	Computer Organization and Design ARM Edition,by David A. Patterson,? John L. Hennessy, ISBN 978-0128017333				Optional	
370	2	Davis,Harrison; Das,Reetuparna; Mudge,Trevor N	Computer Organization and Design ARM Edition,by David A. Patterson,? John L. Hennessy, ISBN 978-0128017333				Optional	
370	3	Mudge,Trevor N; Das,Reetuparna; Davis,Harrison	Computer Organization and Design ARM Edition,by David A. Patterson,? John L. Hennessy, ISBN 978-0128017333				Optional	
381	1	Kieras,David Edward	C: a reference manual	Samuel P. Harbison and Guy L.	013089592X	5. ed.	Optional	Prentice Hall
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	C++ programming language.	Bjarne Stroustrup	9780321563842	4th ed.	Required	Addison-Wesley
381	1	Kieras,David Edward	The C++ standard library : a tutorial and reference	Nicolai M. Josuttis.	9780321623218	2nd ed.	Optional	Addison-Wesley
411	1	Mortazawi,Amir	Microwave engineering	Pozar, David M., 1977-	0470631554		Required	Wiley
444	1	Subramanian,Vijay Gautam	Networks, crowds and markets reasoning about a highly connected world	Easley, David	6612724897		Required	Cambridge Univ. Press
444	1	Subramanian,Vijay Gautam	Reference books: 1. Networks: An Introduction, M. E. J. Newman, Oxford University Press, 2010 2. Social and Economic Networks, Matthew O. Jackson, Princeton University Press, 2010				Optional	
458	1	Fan,Xudong; Clafin,Dennis R	Laboratory Notebook (Scientific Notebook Company, www.snco.com, Model 2001, 192 pages). Students can purchase the lab notebooks from the Biomedical Engineering Society (BMES) during the first week of class (recommended). Alternatively, the notebooks might be available from the North Campus Bookstore.				Required	
458	2	Clafin,Dennis R; Fan,Xudong; Lawera,Nathan; Maniaci,Marissa	Laboratory Notebook (Scientific Notebook Company, www.snco.com, Model 2001, 192 pages). Students can purchase the lab notebooks from the Biomedical Engineering Society (BMES) during the first week of class (recommended). Alternatively, the notebooks might be available from the North Campus Bookstore.				Required	
458	3	Clafin,Dennis R; Fan,Xudong; Soifer,Hannah; Morningstar,Nathan	Laboratory Notebook (Scientific Notebook Company, www.snco.com, Model 2001, 192 pages). Students can purchase the lab notebooks from the Biomedical Engineering Society (BMES) during the first week of class (recommended). Alternatively, the notebooks might be available from the North Campus Bookstore.				Required	
458	4	Clafin,Dennis R; Fan,Xudong; Lawera,Nathan; Morris,Mac	Laboratory Notebook (Scientific Notebook Company, www.snco.com, Model 2001, 192 pages). Students can purchase the lab notebooks from the Biomedical Engineering Society (BMES) during the first week of class (recommended). Alternatively, the notebooks might be available from the North Campus Bookstore.				Required	

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458	5	Claffin,Dennis R; Fan,Xudong; Soifer,Hannah; Halow,Colin	Laboratory Notebook (Scientific Notebook Company, www.snco.com, Model 2001, 192 pages). Students can purchase the lab notebooks from the Biomedical Engineering Society (BMES) during the first week of class (recommended). Alternatively, the notebooks might be available from the North Campus Bookstore.				Required	
470	1	Beaumont,Jonathan Bruce	Computer architecture : a quantitative approach	John L. Hennessy, David A. Pat	012383872X	5th ed.	Required	Morgan Kaufmann
482	1	Chen,Peter M	Operating Systems: Principles and Practice	Thomas Anderson and Michael Da	0985673524	2ND	Optional	Recursive Books
482	2	Chen,Peter M	Operating Systems: Principles and Practice	Thomas Anderson and Michael Da	0985673524	2ND	Optional	Recursive Books
484	1	Jagadish,Hosagrahar V	Database management systems	Ramakrishnan, Raghu.	9780072465631		Required	McGraw-Hill
484	2	Jagadish,Hosagrahar V	Database management systems	Ramakrishnan, Raghu.	9780072465631		Required	McGraw-Hill
492	1	Durfee,Edmund H	Artificial Intelligence, 3rd ed, By S Russell, P Norvig, ISBN 9780136042594				Required	
493	1	Guzdial,Mark Joseph	Developing user interfaces	Dan R. Olsen.	1558604189	3rd ed.	Required	Morgan Kaufmann
501	1	Teneketzis, Demosthenis	Probability and random processes for electrical and computer engineers	John A. Gubner.	0521864704		Required	Cambridge University Press
516	1	Noll,Douglas C; Srinivas,Sai Abitha	No Textbooks Required					
520	1	Zhong,Zhaohui	Introduction to solid state physics	Charles Kittel.	9780471415268	8th ed.	Required	John Wiley & Sons
520	1	Zhong,Zhaohui	Condensed matter in a nutshell	Gerald D. Mahan.	9780691140162		Required	Princeton University Press
529	1	Bhattacharya,Pallab K	Semiconductor optoelectronic devices	Bhattacharya, Pallab.	9780134956565		Required	Prentice-Hall
538	1	Winful,Herbert Graves	Optical waves in crystals : propagation and control of laser radiation	Amnon Yariv, Pochi Yeh.	0471091421	4. printin	Required	Wiley
544	1	Subramanian,Vijay Gautam	Networks, crowds and markets reasoning about a highly connected world	Easley, David	6612724897		Required	Cambridge Univ. Press
544	1	Subramanian,Vijay Gautam	Newman, Oxford University Press, 2010 2. Social and Economic Networks, Matthew O. Jackson, Princeton University Press, 2010				Optional	
550	1	Pradhan,S Sandeep	Elements of information theory	by Thomas M. Cover, Joy A. Tho	0471241954	2nd ed.	Required	J. Wiley
551	1	Fessler,Jeffrey A	Matrix analysis for scientists and engineers	Alan J. Laub.	0898715768		Optional	Society for Industrial and App
554	1	Winick, Kim A	electronic version will be made available to the students free of charge.					
566	1	Lafortune,Stephane	Introduction to discrete event systems	Christos G. Cassandras, Stepha	9780387333328	2nd ed.	Required	Springer Science+Business Medi
574	1	Compton, Kevin J	Computational complexity : a modern approach	Sanjeev Arora, Boaz Barak.	0521424267	Reprint.	Required	Cambridge University Press
575	1	Peikert,Christopher J	No Textbooks Required					
582	1	Kasikci,Baris Can Cengiz	No Textbooks Required					

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Catalog Nbr	Section	Instructor Names	Title/Description	Author	ISBN	Edition	Textbook Required Status	Publisher
591	1	Kapritsos,Manos	No Textbooks Required					
592	1	Laird,John E	Artificial intelligence : a modern approach	Stuart J. Russell and Peter No	0136042597	3rd ed.	Required	Prentice Hall
595	1	Mihalcea,Rada	language processing, computational linguistics, and speech recognition	Daniel Jurafsky, James H. Mart	9780131873216	2nd ed.	Required	Pearson Prentice Hall
598	2	Peterson,Becky Lorenz	Fundamentals of power semiconductor devices	B. Jayant Baliga.	9780387473147		Required	Springer
598	3	Nadakuditi,Raj Rao	Matrix analysis for scientists and engineers	Alan J. Laub	0898715768		Optional	Society for Industrial and App
598	5	Zhang,Zhengya	No Textbooks Required					
598	14	TBD	Artificial intelligence : a modern approach	Russell, Stuart J. (Stuart Jon	9780136042594		Required	Prentice Hall