

Winter 2019: EECS Textbook Order

Please see the most updated information at: <a href="http://www.umichtextbook.com/">http://www.umichtextbook.com/</a>									
Subject	Catalog Nbr	Section	Instructor Names	Title/Description	Author	ISBN	Edition	Textbook Required Status	Publisher
EECS	203	1	Graetz,Emily Robin; Diaz,Kimberly Khalsa	Discrete mathematics and its applications	Kenneth H. Rosen.	0073383090	7th ed.	Required	McGraw-Hill
EECS	203	2	Khalsa	Discrete mathematics and its applications	Kenneth H. Rosen.	0073383090	7th ed.	Required	McGraw-Hill
EECS	203	3	Graetz,Emily Robin	Discrete mathematics and its applications	Kenneth H. Rosen.	0073383090	7th ed.	Required	McGraw-Hill
EECS	203	4	Graetz,Emily Robin	Discrete mathematics and its applications	Kenneth H. Rosen.	0073383090	7th ed.	Required	McGraw-Hill
EECS	203	5	Wakefield,Gregory H	Discrete mathematics and its applications	Kenneth H. Rosen.	0073383090	7th ed.	Required	McGraw-Hill
EECS	215	1	Zhang,Zhengya; Wu,Yuanpeng	Circuit Analysis and Design,Fawwaz T. Ulaby; Michel M. Maharbiz; Cynthia M. Furse, Download from <a href="http://cad.eecs.umich.edu/">http://cad.eecs.umich.edu/</a>				Required	
EECS	215	2	Terry Jr,Fred Lewis; Wu,Yuanpeng	Circuit Analysis and Design,Fawwaz T. Ulaby; Michel M. Maharbiz; Cynthia M. Furse, Download from <a href="http://cad.eecs.umich.edu/">http://cad.eecs.umich.edu/</a>				Required	
EECS	216	1	Subramanian,Vijay Gautam; Gaisser,Nathan R	Signals & Systems: Theory and Applications by Ulaby and Yagle (Free book), <a href="https://www.publishing.umich.edu/publications/ee/">https://www.publishing.umich.edu/publications/ee/</a>				Required	
EECS	216	2	Lafortune,Stephane; Gaisser,Nathan R	Signals & Systems: Theory and Applications by Ulaby and Yagle (Free book), <a href="https://www.publishing.umich.edu/publications/ee/">https://www.publishing.umich.edu/publications/ee/</a>				Required	
EECS	230	1	Norris,Theodore B; Jeong,Changyeong	Fundamentals of Applied Electromagnetics - 7th edition, by Ulaby, ISBN10: 0133356817				Required	
EECS	230	2	Kushner,Mark; Jeong,Changyeong	Fundamentals of Applied Electromagnetics - 7th edition, by Ulaby, ISBN10: 0133356817				Required	
EECS	311	1	Peterson,Becky Lorenz	Microelectronic Circuit, 7th edition, OCLC 898005732	Adel S Sedra; Kenneth C Smith	9780199339136	7TH	Required	Oxford University Press
EECS	312	1	Garmire,David	Digital integrated circuits : a design perspective	Jan M. Rabaey; Anantha Chandra	0130909963	2. ed.	Required	Prentice Hall
EECS	314	1	Ganago,Alexander O	EECS 314: Making Sense of Electrical Engineering in Lab, 6th Edition, Revised for Winter 2019				Required	
EECS	314	1	Ganago,Alexander O	Ee21c:Electrical Engineering for 21st Century, By Ganago				Required	
EECS	320	2	Ku,Pei-Cheng						
EECS	330	1	Willingale,Louise	Microwave engineering	Pozar, David M., 1977-	0470631554		Required	Wiley
EECS	330	1	Willingale,Louise	Fundamentals of Applied Electromagnetics - 7th edition, by Ulaby, ISBN10: 0133356817				Required	
EECS	334	1	Rand,Stephen C	Introduction to optics	Pedrotti, Frank L., 1932-....	9781108428262		Required	Cambridge university press
EECS	351	1	Block,Nathan	Signal processing for communications	Prandoni, Paolo.	9781420070460		Required	EPFL Press
EECS	398	1	Hamilton,Nicole; Li,Kevin; Busch,Carolyn	Information retrieval : implementing and evaluating search engines	Bu?ttcher, Stefan	9780262528870		Required	The MIT Press
EECS	402	1	Morgan,Andrew Michael	No Textbooks Required					
EECS	429	1	Bhattacharya,Pallab K	Semiconductor optoelectronic devices	Pallab Bhattacharya.	9780134956565	2. ed.	Required	Prentice Hall
EECS	430	1	Gilchrist,Brian E	No Textbooks Required					

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EECS	438	1	Galvanauskas,Almantas	Introduction to optics	Frank L. Pedrotti, Leno S. Ped	0131499335	3rd ed. --	Optional	Pearson Prentice Hall
EECS	442	1	Fouhey,David Ford	No Textbooks Required					
EECS	445	1	Kutty,Sindhu Krishnan	Machine learning : a probabilistic perspective	Kevin P. Murphy.	0262018020		Optional	MIT Press
EECS	445	1	Kutty,Sindhu Krishnan	Pattern recognition and machine learning	Christopher M. Bishop.	0387310738	Corr. prin	Optional	Springer
EECS	445	2	Kutty,Sindhu Krishnan	Machine learning : a probabilistic perspective	Kevin P. Murphy.	0262018020		Optional	MIT Press
EECS	445	2	Kutty,Sindhu Krishnan	Pattern recognition and machine learning	Christopher M. Bishop.	0387310738	Corr. prin	Optional	Springer
EECS	475	1	Peikert,Christopher J; Jiang,Zhan	Introduction to modern cryptography	Katz, Jonathan.	9781466570269		Required	CRC Press
EECS	478	1	Hayes,John Patrick	Logic synthesis and verification algorithms	by Gary D. Hachtel; Fabio Some	0387310045	1st softco	Optional	Springer
EECS	478	1	Hayes,John Patrick	Switching and finite automata theory	Zvi Kohavi, Niraj K. Jha.	9780521857482	3rd ed.	Optional	Cambridge University Press
EECS	484	1	Almomani,Raed; Prakash,Atul	Database management systems	Ramakrishnan, Raghu.	9780072465631		Required	McGraw-Hill
EECS	484	2	Almomani,Raed; Prakash,Atul	Database management systems	Ramakrishnan, Raghu.	9780072465631		Required	McGraw-Hill
EECS	486	1	Mihalcea,Rada	Introduction to information retrieval	Christopher D. Manning, Prabha	0521865719	Reprinted.	Required	Cambridge University Press
EECS	492	1	Kuipers,Benjamin	Artificial Intelligence, 3rd ed, By S Russell, P Norvig, ISBN 9780136042594				Required	
EECS	501	1	Anastasopoulos,Achilleas	Probability and random processes for electrical and computer engineers	John A. Gubner.	0521864704		Required	Cambridge University Press
EECS	502	1	Teneketzis,Demosthenis	Introduction to stochastic processes	[by] Paul G. Hoel, Sidney C. P	0881332674	Reissued.	Required	Waveland Press
EECS	502	1	Teneketzis,Demosthenis	Stochastic processes : theory for applications	Robert G. Gallager, MIT.	1107039754		Required	Cambridge Univ. Press
EECS	502	1	Teneketzis,Demosthenis	Markov chains : Gibbs fields, Monte Carlo simulation, and queues	Bre?maud, Pierre.	9780387985091		Optional	Springer
EECS	539	1	Galvanauskas,Almantas	Laser physics	Peter W. Milonni, Joseph H. Eb	0470387718	2nd ed.	Optional	John Wiley & Sons
EECS	539	1	Galvanauskas,Almantas	Lasers	Anthony E. Siegman.	0935702113	8. print.	Required	University Science Books
EECS	541	1	Steel,Duncan G	Quantum mechanics	Eugen Merzbacher.	0471887021	3. ed.	Required	Wiley
EECS	557	1	Kallitsis,Michael G	Communication networks an optimization, control, and stochastic networks perspective	Srikant, Rayadurgam.	http://proque		Required	Cambridge University Press
EECS	560	1	Ozay,Necmiye						
EECS	562	1	Panagou,Dimitra	Nonlinear systems	Hassan K. Khalil	9780130673893	3. ed.	Required	Prentice-Hall
EECS	586	1	Stout,Quentin F	Introduction to algorithms	Thomas H. Cormen ... [et al.].	9780262033848	3rd ed.	Required	MIT Press
EECS	592	1	Durfee,Edmund H; Kedia,Shashank	Artificial intelligence : a modern approach	Stuart J. Russell and Peter No	0136042597	3rd ed.	Required	Prentice Hall
EECS	598	4	Kira,Mackillo	Semiconductor quantum optics	Kira, Mackillo, 1969-	9780521875097		Optional	Cambridge University Press
EECS	598	6	Fessler,Jeffrey A; Blocker,Cameron	No Textbooks Required					
EECS	598	16	Nadakuditi,Raj Rao	Matrix analysis for scientists and engineers	Laub, Alan J.	9780898715767		Optional	Society for Industrial and App

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EECS	598	17	Chaar, Jarir	Artificial intelligence : a modern approach	Russell, Stuart J. (Stuart Jon	9780136042594		Required	Prentice Hall
EECS	638	1	Schotland, John Carl	Principles of laser spectroscopy and quantum optics	Berman, Paul R.	0691140561		Required	Princeton University Press