

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
203	1	Wakefield,Gregory H	Discrete mathematics and its applications	Kenneth H. Rosen.	73383090	7th ed.	Required	McGraw-Hill
203	2	Graetz,Emily Robin	Discrete mathematics and its applications	Kenneth H. Rosen.	73383090	7th ed.	Required	McGraw-Hill
203	3	Graetz,Emily Robin	Discrete mathematics and its applications	Kenneth H. Rosen.	73383090	7th ed.	Required	McGraw-Hill
203	4	Diaz,Kimberly Khalsa	Discrete mathematics and its applications	Kenneth H. Rosen.	73383090	7th ed.	Required	McGraw-Hill
215	1	Ulaby,Fawwaz T	Circuits	Ulaby, Fawwaz T. (Fawwaz Tayss	1934891223		Required	
215	2	Ulaby,Fawwaz T	Circuits	Ulaby, Fawwaz T. (Fawwaz Tayss	1934891223		Required	
216	1	Finelli,Cindy	Continuous and discrete signals and systems	Samir S. Soliman; Mandyam D. S	135184738	2. ed	Required	Prentice Hall
216	2	Winick,Kim A	Continuous and discrete signals and systems	Samir S. Soliman; Mandyam D. S	135184738	2. ed	Required	Prentice Hall
230	1	Rand,Stephen C	Fundamentals of Applied Electromagnetics - 7th edition, by Ulaby, ISBN10: 0133356817				Required	
230	2	Kushner,Mark	Fundamentals of Applied Electromagnetics - 7th edition, by Ulaby, ISBN10: 0133356817				Required	
230	21	Kushner,Mark						
270	1	Shin,Kang Geun;	Digital design, with RTL design, VHDL, and Verilog	Frank Vahid.	9780470531082	2nd ed.	Required	John Wiley

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
301	1	Mahdavifar,Hessam	Probability, statistics, and random processes for electrical engineering	Alberto Leon-Garcia.	9780131471221	3rd ed.	Required	Pearson/Prentice Hall
311	1	Peterson,Becky Lorenz	Microelectronic Circuit, 7th edition, OCLC 898005732	Adel S Sedra; Kenneth C Smith	9780199339136	7TH	Required	Oxford University Press
312	1	Zhang,Zhengya	Digital integrated circuits : a design perspective	Jan M. Rabaey; Anantha Chandra	130909963	2. ed.	Required	Prentice Hall
314	1	Ganago,Alexander O	EE for the 21st century by Alexander Ganago, 2nd edition for Fall 2015				Required	
314	1	Ganago,Alexander O	Making sense of EE in the Lab 2018 Winter edition, by Alexander Ganago.				Required	
320	1	Ku,Pei-Cheng	Semiconductor device fundamentals : [with computer-based exercises and homework problems]	Robert F. Pierret	9780201543933	Reprint. w	Required	Addison-Wesley
330	1	Sarabandi,Kamal	Fundamentals of Applied Electromagnetics - 7th edition, by Ulaby, ISBN10: 0133356817				Required	
334	1	Steel,Duncan G	Introduction to optics	Frank L. Pedrotti, Leno S. Ped	9780131499331	3rd ed. --	Required	Pearson Prentice Hall
351	1	Pilanci,Mert	Signal processing for communications	Paolo Prandoni and Martin Vett	1420070460	1st ed.	Required	EPFL Press
370	1	Das,Reetuparna; Davis,Harrison; Brehob,Mark W B	Computer Organization and Design ARM Edition,by David A. Patterson,? John L. Hennessy, ISBN 978-0128017333				Optional	
370	2	Das,Reetuparna; Davis,Harrison; Brehob,Mark W B	Computer Organization and Design ARM Edition,by David A. Patterson,? John L. Hennessy, ISBN 978-0128017333				Optional	
370	3	Davis,Harrison; Das,Reetuparna; Brehob,Mark W B	Computer Organization and Design ARM Edition,by David A. Patterson,? John L. Hennessy, ISBN 978-0128017333				Optional	

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
398	2	Hamilton,Nicole	Information Retrieval: Implementing and Evaluating Search Engines, By Stefan Buttcher, Charles L.A. Clarke, Gordon V. Cormack, The MIT Press		9780262528870		Required	
398	2	Hamilton,Nicole	C++ primer	Stanley B. Lippman ; Josee Laj	9780321714114	5. ed.	Optional	Addison-Wesley
398	2	Hamilton,Nicole	The object-oriented thought process	Matt Weisfeld.	9780321861276	Fourth edi	Required	Addison-Wesley
402	1	Morgan,Andrew Michael						
427	1	Mazumder,Pinaki	CMOS VLSI design : a circuits and systems perspective	Neil H.E. Weste, David Money H	321547748	4th ed.	Required	Addison Wesley
429	1	Bhattacharya,Pallab K	Semiconductor optoelectronic devices	Pallab Bhattacharya.	9780134956565	2. ed.	Required	Prentice Hall
438	1	Galvanauskas,Almantas	Introduction to optics	Frank L. Pedrotti, Leno S. Ped	131499335	3rd ed. --	Optional	Pearson Prentice Hall
441	1	Soloway,Elliot						
441	2	Soloway,Elliot						
445	1	Kutty,Sindhu Krishnan	Machine learning : a probabilistic perspective	Kevin P. Murphy.	262018020		Optional	MIT Press
445	1	Kutty,Sindhu Krishnan	Pattern recognition and machine learning	Christopher M. Bishop.	387310738	Corr. prin	Optional	Springer
460	1	Ozay,Necmiye	Automatic control systems	Golnaraghi, Farid	9781259643835		Required	McGraw-Hill Education

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
467	1	Kuipers,Benjamin						
475	1	Compton,Kevin J	Cryptography and network security principles and practice	Stallings, William 1945-	1292158581		Required	Pearson
482	1	Kasikci,Baris Can Cengiz	Operating Systems: Principles and Practice	Thomas Anderson and Michael Da	985673524	2ND	Optional	Recursive Books
482	2	Madhyastha,Harsha	Operating Systems: Principles and Practice	Thomas Anderson and Michael Da	985673524	2ND	Optional	Recursive Books
484	1	Mozafari,Barzan	Database management systems	Ramakrishnan, Raghu.	9780072465631		Required	McGraw-Hill
484	2	Mozafari,Barzan	Database management systems	Ramakrishnan, Raghu.	9780072465631		Required	McGraw-Hill
486	1	Mihalcea,Rada	Introduction to information retrieval	Christopher D. Manning, Prabha	521865719	Reprinted	Required	Cambridge University Press
492	1	Mower Provost,Emily	Artificial Intelligence, 3rd ed, By S Russell, P Norvig, ISBN 9780136042594				Required	
498	2	Islam,Mohammed Nazrul	Computer Networking: A Top Down Approach, 7th Edition, Kurose and Ross, ISBN 978-80133594140				Required	
501	1	Anastasopoulos,Achilleas	Probability and random processes for electrical and computer engineers	John A. Gubner.	521864704		Required	Cambridge University Press
502	1	Teneketzis,Demosthenis	Introduction to stochastic processes	[by] Paul G. Hoel, Sidney C. P	881332674	Reissued.	Required	Waveland Press
502	1	Teneketzis,Demosthenis	Stochastic processes : theory for applications	Robert G. Gallager, MIT.	1107039754		Required	Cambridge Univ. Press

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
521	1	Lu,Wei	Fundamentals of modern VLSI devices.	Yuan Taur, Tak H. Ning.	521559596	[Nouv. imp	Required	Cambridge University Press
525	1	Mortazawi,Amir	Microwave transistor amplifiers : analysis and design	Guillermo Gonzalez.	132543354	2nd ed.	Required	Prentice Hall
531	1	Grbic,Anthony	Antenna Theory: Analysis and Design 4th Edition by Constantine A. Balanis		9781118642061		Required	
539	1	Galvanauskas,Almantas	Laser physics	Peter W. Milonni, Joseph H. Eb	470387718	2nd ed.	Required	John Wiley & Sons
539	1	Galvanauskas,Almantas	Lasers	Anthony E. Siegman.	935702113	8. print.	Required	University Science Books
541	1	Steel,Duncan G	Quantum mechanics	Eugen Merzbacher.	471887021	3. ed.	Optional	Wiley
551	1	Nadakuditi,Raj Rao	Matrix analysis for scientists and engineers	Alan J. Laub.	898715768		Required	Society for Industrial and App
556	1	Fessler,Jeffrey A						
557	1	Subramanian,Vijay Gautam	Communication networks : an optimization, control, and stochastic networks perspective	R. Srikant, University of Illi	9781107036055		Required	Cambridge University Press
562	1	Panagou,Dimitra	Nonlinear systems	Hassan K. Khalil	9780130673893	3. ed.	Required	Prentice-Hall
579	1	Hayes,John Patrick	Essentials of electronic testing for digital, memory and mixed-signal VLSI circuits	Michael L. Bushnell; Vishwani	792379918	2. print.	Required	Kluwer Acad. Publ.
579	1	Hayes,John Patrick	Digital system test and testable design using HDL models and architectures	Navabi, Zainalabedin.	1441975470		Optional	Springer

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
586	1	Stout, Quentin F	Introduction to algorithms	Thomas H. Cormen ... [et al.].	9780262033848	3rd ed.	Required	MIT Press
592	1	Atkins, Ella Marie	Artificial intelligence : a modern approach	Stuart J. Russell and Peter No	136042597	3rd ed.	Required	Prentice Hall
598	9	Nadakuditi, Raj Rao	MATLAB primer	Timothy A. Davis.	9781439828625	8th ed.	Required	CRC Press
638	1	Kuzmich, Alex	Principles of laser spectroscopy and quantum optics	Paul R. Berman, Vladimir S. Ma	9780691140568	[Online-Au	Required	Princeton University Press