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Catalog Nbr	Section	Instructor Names	Title/Description	Author	ISBN	Edition	Textbook Required Status	Publisher
101	1	Ringenberg,Jeff	Blown to bits : your life, liberty, and happiness after the digital explosion	Hal Abelson, Ken Ledeen, Harry	0137135599	2nd printi	Optional	Addison-Wesley
203	1	Wakefield,Gregory H	Discrete mathematics and its applications	Kenneth H. Rosen.	0073383090	7th ed.	Required	McGraw-Hill
203	2	Stout,Quentin F	Discrete mathematics and its applications	Kenneth H. Rosen.	0073383090	7th ed.	Required	McGraw-Hill
203	3	Lee,Honglak	Discrete mathematics and its applications	Kenneth H. Rosen.	0073383090	7th ed.	Required	McGraw-Hill
215	1	Hiskens,Ian; Finelli,Cynthia J	Circuits, ISBN 978-1-934891-22-3, By Ulaby, Maharbiz, Furse, 3rd edition				Required	
216	1	Lafortune,Stephane	Engineering Signals and Systems	Fawwaz T. Ulaby and Andrew E.	9781934891162	1ST	Required	NTS
216	2	Winick,Kim A	Engineering Signals and Systems	Fawwaz T. Ulaby and Andrew E.	9781934891162	1ST	Required	NTS
230	1	Lee,Somin Eunice	Fundamentals of Applied Electromagnetics - 7th edition, by Ulaby, ISBN10: 0133356817				Required	

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230	2	Rand,Stephen C	Fundamentals of Applied Electromagnetics - 7th edition, by Ulaby, ISBN10: 0133356817				Required	
270	1	Markov,Igor L; Shin,Kang Geun	Digital design, with RTL design, VHDL, and Verilog	Frank Vahid.	9780470531082	2nd ed.	Required	John Wiley
270	2	Shin,Kang Geun; Markov,Igor L	Digital design, with RTL design, VHDL, and Verilog	Frank Vahid.	9780470531082	2nd ed.	Required	John Wiley
301	1	Anastasopoulos,Achilleas	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	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	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? by Alexander Ganago, 5th edition Revised December 3, 2015				Required	

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320	1	Bhattacharya,Pallab K	Semiconductor device fundamentals : [with computer-based exercises and homework problems]	Robert F. Pierret	9780201543933	Reprint. w	Required	Addison-Wesley
330	1	Michielssen,Eric	Fundamentals of Applied Electromagnetics - 7th edition, by Ulaby, ISBN10: 0133356817				Required	
334	1	Willingale,Louise	Introduction to optics	Frank L. Pedrotti, Leno S. Ped	0131499335	3rd ed. --	Required	Pearson Prentice Hall
351	1	Yagle,Andrew E	Engineering Signals and Systems	Fawwaz T. Ulaby and Andrew E.	9781934891162	1ST	Required	NTS
370	1	Bertacco,Valeria M; Das,Reetuparna	Structured computer organization	Andrew S. Tanenbaum, Todd Aust	0132916525	6th ed.	Optional	Pearson
370	2	Das,Reetuparna; Bertacco,Valeria M	Structured computer organization	Andrew S. Tanenbaum, Todd Aust	0132916525	6th ed.	Optional	Pearson
370	3	Austin,Todd M; Winsor,Don	Structured computer organization	Andrew S. Tanenbaum, Todd Aust	0132916525	6th ed.	Optional	Pearson
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	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
388	1	Hicks,Matthew D; Mao,Z Morley	No Textbooks Required					
388	2	Mao,Z Morley; Hicks,Matthew D	No Textbooks Required					
388	3	Hicks,Matthew D; Mao,Z Morley	No Textbooks Required					
398	1	Scott,Clayton D	Information science	David G. Luenberger.	9780691124186		Required	Princeton University Press
398	2	Jenkins,Odest Chadwicke	Robot modeling and control	Mark W. Spong ; Seth Hutchinso	9780471649908	[Nachdr.]	Required	Wiley

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425	1	Lahiji,Gholamhassan Roientan	No Textbooks Required					
427	1	Mazumder,Pinaki	CMOS VLSI design : a circuits and systems perspective	Neil H.E. Weste, David Money H	0321547748	4th ed.	Required	Addison Wesley
429	1	Ku,Pei-Cheng	Silicon photonics design	Chrostowski, Lukas,	1107085454		Required	
438	1	Galvanauskas,Almantas	Introduction to optics	Frank L. Pedrotti, Leno S. Ped	0131499335	3rd ed. --	Optional	Pearson Prentice Hall
442	1	Deng,Jia	No Textbooks Required					
445	1	Wiens,Jenna	Machine learning : a probabilistic perspective	Kevin P. Murphy.	0262018020		Optional	MIT Press
445	1	Wiens,Jenna	Pattern recognition and machine learning	Christopher M. Bishop.	0387310738	Corr. prin	Optional	Springer
460	1	Ozay,Necmiye	Automatic control systems	Farid Golnaraghi, Benjamin C.	9780470048962	9th ed.	Required	Wiley

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478	1	Hayes,John Patrick	Logic synthesis and verification algorithms	by Gary D. Hachtel; Fabio Some	0387310045	1st softco	Optional	Springer
478	1	Hayes,John Patrick	Switching and finite automata theory	Zvi Kohavi, Niraj K. Jha.	9780521857482	3rd ed.	Optional	Cambridge University Press
482	1	Honeyman,Peter	Operating Systems: Principles and Practice	Thomas Anderson and Michael Da	0985673524	2ND	Optional	Recursive Books
482	2	Flinn,Jason Nelson	Operating Systems: Principles and Practice	Thomas Anderson and Michael Da	0985673524	2ND	Optional	Recursive Books
482	3	Flinn,Jason Nelson	Operating Systems: Principles and Practice	Thomas Anderson and Michael Da	0985673524	2ND	Optional	Recursive Books
484	1	Koutra,Danai	Database management systems	Ramakrishnan, Raghu.	9780072465631		Required	McGraw-Hill
489	1	Jamin,Sugih	Computer networking : a top-down approach	James F. Kurose, Keith W. Ross	0132856204	6th ed.	Required	Pearson
492	1	Durfee,Edmund H	Artificial Intelligence, 3rd ed, By S Russell, P Norvig, ISBN 9780136042594				Required	

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Catalog Nbr	Section	Instructor Names	Title/Description	Author	ISBN	Edition	Textbook Required Status	Publisher
494	1	Bond,Jeremy Gibson	Introduction to Game Design, Protoyping, and Development From Concept to Playable Game - With Unity and C#		0321933168		Required	Addison-Wesley Professional
494	2	Bond,Jeremy Gibson	Introduction to Game Design, Protoyping, and Development From Concept to Playable Game - With Unity and C#		0321933168		Required	Addison-Wesley Professional
501	1	Pradhan,S Sandeep	Probability and random processes for electrical and computer engineers	Gubner, John A.	9780521864701		Required	Cambridge University Press
502	1	Tenektzis,Demosthenis	Introduction to stochastic processes	[by] Paul G. Hoel, Sidney C. P	0881332674	Reissued.	Required	Waveland Press
502	1	Tenektzis,Demosthenis	Stochastic processes : theory for applications	Robert G. Gallager, MIT.	1107039754		Required	Cambridge Univ. Press
525	1	Mortazawi,Amir	Microwave transistor amplifiers : analysis and design	Guillermo Gonzalez.	0132543354	2nd ed.	Required	Prentice Hall
539	1	Galvanauskas,Almantas	Laser physics	Peter W. Milonni, Joseph H. Eb	0470387718	2nd ed.	Required	John Wiley & Sons
539	1	Galvanauskas,Almantas	Lasers	Anthony E. Siegman.	0935702113	8. print.	Required	University Science Books

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541	1	Steel,Duncan G	Quantum mechanics	Eugen Merzbacher.	0471887021	3. ed.	Optional	Wiley
545	1	Abernethy,Jacob	Pattern recognition and machine learning	Christopher M. Bishop.	9780387310732	Corr. prin	Required	Springer
549	1	Radev,Dragomir Radkov; Finegan-Dollak,Catherine	Introduction to information retrieval	Christopher D. Manning, Prabha	0521865719	Reprinted .	Required	Cambridge University Press
556	1	Fessler,Jeffrey A	No Textbooks Required					
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	Grizzle,Jessy W	Nonlinear systems	Hassan K. Khalil	9780130673893	3. ed.	Required	Prentice-Hall
564	1	Balzano,Laura Kathryn	No Textbooks Required					
568	1	Eustice,Ryan M	Thrun, Sebastian, Wolfram Burgard, and Dieter Fox. Probabilistic Robotics. Cambridge, Mass. [u.a.]: MIT Press, 2010.				Required	



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569	1	Meerkov,Semyon M	Production systems engineering	Jingshan Li, Semyon M. Meerkov	9780387755786	1. Ed.	Required	Springer
575	1	Peikert,Christopher	Introduction to Modern Cryptography	Katz and Lindell	1466570261	SECOND	Required	Chapman & Hall/CRC
586	1	Pettie,Seth	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	0262133601	2. print.	Required	MIT Press
598	7	Avestruz,Al-Thaddeus	Fundamentals of power electronics	Robert W. Erickson; Dragan Mak	9780792372707	2. ed., 2.	Required	Kluwer Acad. Publ
598	10	Jenkins,Odest Chadwicke	Robot modeling and control	Mark W. Spong ; Seth Hutchinsonso	9780471649908	[Nachdr.]	Required	Wiley
627	1	Sylvester,Dennis Michael	CMOS VLSI design : a circuits and systems perspective	Neil H.E. Weste, David Money H	0321547748	4th ed.	Optional	Addison Wesley
633	1	Tsang,Leung	The method of moments in electromagnetics	Walton C. Gibson.	1420061453		Required	Chapman & Hall/CRC

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638	1	Schotland,John Carl	Principles of laser spectroscopy and quantum optics	Paul R. Berman, Vladimir S. Ma	0691140561	[Online-Au	Required	Princeton University Press