

Course	Title	Edition	New?	Author	Publisher	Estimated Enrollments		
						1-st	2-nd	Summer
108	No text used					40		
111	Intermediate Algebra - Concepts and Applications (with MathXL) ISBN 0-201-76667-1		New	Bittinger	Addison-Wesley	160		
137	Mathematics for Elementary School Teachers, A Conceptual Approach (ISBN 0073881333 or 0073881325)	6th	Same	Bennett and Nelson	McGraw Hill	200		
	Mathematics for Elementary School Teachers, An Activity Approach (ISBN 0-07-006298-6)	6th	Same	Bennett and Nelson	McGraw Hill			
138	Mathematics for Elementary School Teachers, A Conceptual Approach	6th	New	Bennett and Nelson	McGraw Hill	100		
139	Mathematics for Elementary Teachers Volume 2: Geometry and Other Topics. (Bundled with "Class Activities") ISBN 0-201-72587-8	1st Edition	Same	Beckmann	Addison Wesley	150		
152	College algebra	8th	New	Gustafson and Frisk	Brooks Cole	325		
153	Algebra and Trigonometry with Analytic Geometry	10th	Same	Swokowski and Cole	Brooks Cole	2175		
153X	Algebra and Trigonometry with Analytic Geometry	10th	Same	Swokowski and Cole	Brooks Cole	50		
154	Algebra and Trigonometry with Analytic Geometry	10th	Same	Swokowski and Cole	Brooks Cole	375		
154X	Algebra and Trigonometry with Analytic Geometry	10th	Same	Swokowski and Cole	Brooks Cole	40		
159	Algebra and Trigonometry with Analytic Geometry	10th	Same	Swokowski and Cole	Brooks Cole	925		
161	Calculus - Early Transcendentals	4th	Same	Stewart	Brooks Cole	700		
161E	Calculus - Early Transcendentals	4th	Same	Stewart	Brooks Cole	80		
161M	Calculus - Early Transcendentals	4th	Same	Stewart	Brooks Cole	50		
162	Calculus - Early Transcendentals	4th	Same	Stewart	Brooks Cole	675		
165	Calculus - Early Transcendentals	4th	Same	Stewart	Brooks Cole	650		
170	No Text Used					25		
173	Thomas Calculus	10th	Same	Finney, Weir and Giordano	Addison Wesley	250		
181	Thomas Calculus	10th	Same	Finney, Weir and Giordano	Addison Wesley	30		
190H	What is Mathematics		New	Courant and Robbins	Oxford University Press	20		
220	Applied Calculus for Managerial, Life and Social Sciences	6th	New	Tan	Brooks Cole	160		

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221	Technical Calculus with Analytic Geomety (0-534-79279-0 Kuhfittig - Tech Calculus 3rd Custom Package)	3rd	Same	Kuhfittig	Brooks Cole	375		
222	Technical Calculus with Analytic Geomety (0-534-79279-0 Kuhfittig - Tech Calculus 3rd Custom Package)	3rd	Same	Kuhfittig	Brooks Cole	160		
223	Applied Calculus with Analytic Geometry	6th	New	Tan	Brooks Cole	1250		
224	Applied Calculus with Analytic Geometry	5th	Same	Tan	Brooks Cole	740		
261	Calculus - Early Transcendentals	4th	Same	Stewart	Brooks Cole	840		
261M	Calculus - Early Transcendentals	4th	Same	Stewart	Brooks Cole	45		
262	An Introduction to Differential Equations and Linear Algebra	1999	Same	Goode	Prentice Hall	180		
265	Elementary Linear Algebra	8th	New	Kolman and Hill	Prentice Hall	550		
	Linear Algebra Labs with MATLAB	3rd	New	Hill and Zitarelli	Prentice Hall			
266	Elementary Differential Equations and Boundary Value Problems (with CD)	8th	New	Boyce and DiPrima	Wiley	450		
271	Thomas Calculus	10th	Same	Finney, Weir and Giordano	Addison Wesley	150		
290H	Elementary Differential Equations and Boundary Value Problems	8th	New	Boyce and DiPrima	Wiley	30		
	Linear Algebra with Applications	6th	Same	Leon	Prentice Hall			
301	Notes		Same			45		
303	Elementary Differential Equations and Boundary Value Problems	8th	New	Boyce and DiPrima	Wiley	240		
	Ordinary Differential Equations using MATLAB	3rd	Same	Polking	Prentice Hall			
304	Elementary Differential Equations and Boundary Value Problems	8th	New	Boyce and DiPrima	Wiley	90		
	Ordinary Differential Equations using MATLAB	3rd	Same	Polking	Prentice Hall			
341	Understanding Analysis	2001	Same	Abbott	Springer	50		
351	Linear Algebras: Ideas and Applications	lastest		Penney	Wiley	125		
353	Linear Algebra with Applications	6th	Same	Leon	Prentice Hall	50		

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362	Vector Calculus	5th	Same	Marsden and Tromba	Freeman	60		
366	Differential Equations (ISBN 0-13-5981379)		Same	Polking, Boggess and Arnold	Prentice Hall	100		
375	Discrete Mathematics and its Applications	5th	Same	Rosen	McGraw Hill	75		
416	Probability An Introduction with Statistical Applications ISBN: 04711122106		New	J. Kinney	Wiley	20		
440	Real Analysis with Real Applications	latest	New	K. Davidson and A. Donsig	Prentice Hall	35		
450	Contemporary Abstract Algebra	5th	Same	Gallian	Houghton Mifflin	25		
453	Introductory Modern Algebra		Same	Stahl	Wiley	75		
460	The Elements	Vol I (Books I and II)	Same	Euclid	Dover	35		
	Notes							
462	Differential Geometry of Curves and Surfaces		New	M. doCarmo	Prentice Hall	20		
481	No Text Used					10		
490A	Course cancelled					0		
490T	Course cancelled					0		
503	Abstract Algebra	2nd	Same	Dummit and Foote	Wiley	20		
504	Principles of Mathematical Analysis (same as MA 598R)	3rd	New	W. Rudin	McGraw Hill	30		
510	Vector Calculus	5th	Same	Marsden and Tromba	Freeman	35		
511	Linear Algebra	3rd	Same	Strang	Brooks Cole	80		
516	No text selected					15		
519	Introduction to Probability Theory (REQ)	1st	Same	Hoel, Port and Stone	Prentice Hall	20		
521	Course cancelled					0		
523	Introduction to Partial Differential Equations ISBN: 0-691-04361-2	2nd	New	Folland	Princeton University Press	30		
525	Fundamentals of Complex Analysis for Mathematics, Sciences and Engineering	3rd	Same	Saff and Snider	Prentice Hall	35		

Course	Title	Edition	New?	Author	Publisher	Estimated Enrollments		
						1-st	2-nd	Summer
527	Advanced Engineering Mathematics	5th	New	O'Neil	Brooks Cole	120		
530	Complex Analysis	3rd	Same	Ahlfors	McGraw Hill	20		
	Notes on Complex Function Theory	1994	Same	Sarason	Henry Helson			
531	Real and Complex Analysis	latest	New	Rudin	McGraw-Hill	15		
539	No text selected					15		
542	Introduction to the Theory of Distributions	2nd	Same	Friedlander and Joshi	Cambridge Univ	20		
544	No text used					35		
546	Principles of Functional Analysis (Paperback)	latest	New	Schechter	AMS	15		
553	Abstract Algebra	2nd	Same	Dummit and Foote	Wiley	30		
554	No text used					20		
557	Course Cancelled					0		
562	Introduction to Differentiable Manifolds and Riemannian Geometry	1986	Same	Boothby	Academic Press	20		
571	Topology (ISBN 0-13-1816292)	2nd	Same	Munkres	Prentice Hall	20		
575	Introduction to Graph Theory	latest	New	West	Prentice Hall	40		
598A	Abstract Algebra (same as MA 503)		New	Dummit and Foote	Wiley	20		
598B	Characteristic classes	latest	New	Milnor and Stasheff	Princeton University Press	15		
598E	Stable mappings and their singularities	latest	New	Golubitsky and Guillemin		15		
598K	Introduction to Coding Theory		New	VanLint	Springer	15		
	Codes and Algebraic Curves		New	Pretzel	Clarendon Press Oxford			
598M	Algebraic Geometry	latest	New	Hartshorn		15		
	Commutative Algebra with a View toward Algebraic Geometry	latest	New	Eisenbud				
598R	Principles of Mathematical Analysis (same as MA 504)	3rd	New	W. Rudin	McGraw Hill	30		
598U	No Text Used					15		
598V	No Text Used					15		
598Z	Course Cancelled					15		

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						1-st	2-nd	Summer
638	No text selected					15		
642	Elliptic Partial Differential Equations of Second Order	2nd	Same	Gilbarg and Trudinger	Springer	15		
650	No text used					15		
665	Algebraic Geometry for Scientists and Engineers		New	Abhyankar	AMS	15		
	Resolution of Singularities of Embedded Algebraic Surfaces		New	Abhyankar	Springer			
	Commutative Algebra II		New	Zariski, O., Samuel, P.	Springer			
690A	Notes					15		
690G	Multiplicities and Chern classes in Local Algebra	latest	New	Roberts		15		
690K	Algebraic Number Theory	1970	New	Lang	Addison Wesley	15		
692B	Navier-Stokes equations. Theory and numerical analysis. ISBN 0-8218-2737-5 (required)	2001	New	R. Temam	AMS Chelsea Publishing	15		
	Handbook of Numerical Analysis : Numerical Methods for Fluids (Part 3) ISBN: 0444512241(optional)	2003	New	P. G. Ciarlet (editor)	North Holland			
693B	No Text Used					15		
693D	Minimal Surfaces and Functions of Bounded Variation	1984	New	Giusti	Birkhauser	15		
	Harmonic Analysis Techniques for Second Order Elliptic Boundary Value Problems	1994	New	Kenig	AMS			
694C	Forward-Backward Stochastic Differential Equations and Their Applications (Lecture notes in Mathematics, 1702)	1999	New	Ma and Yong	Springer	15		
694D	No text used					15		
696C	No text used					15		

See next page for list of changes made to this booklist.

Changes:

Text added on June 26 for MA 139

Mathematics for Elementary Teachers Volume 2: Geometry and Other Topics. (Bundled with "Class Activities") ISBN 0-321-14914-9, by Beckmann, Addison Wesley, Preliminary Edition.

Text changed on June 26 for MA 504 and MA 598R

OLD TEXT *Principles of Mathematical Analysis* by Rudin, McGraw Hill, 3rd edition

NEW TEXT *Introduction to Real Analysis*, ISBN 0-13-045786-8, by William F. Trench, Prentice-Hall, 2003.

Text changed on July 1 for MA 111

OLD TEXT No text selected.

NEW TEXT *Intermediate Algebra - Concepts and Applications (with MathXL)* ISBN 0-201-76667-1 by Bittinger, Addison-Wesley.

Text changed on July 1 for MA 190H

OLD TEXT No text selected

NEW TEXT *What is Mathematics*, by Courant and Robbins, Oxford University Press.

Text changed on July 1 for MA 265

OLD TEXT *Linear Algebra Labs with MATLAB* by Hill and Zitarelli, Prentics Hall, 2nd edition.

NEW TEXT *Linear Algebra Labs with MATLAB* by Hill and Zitarelli, Prentics Hall, 3rd edition.

Text changed on July 1 for MA 453

OLD TEXT No text selected.

NEW TEXT *Introductory Modern Algebra* by Stahl, Wiley-Interscience.

Text changed on July 1 for MA 598K

OLD TEXT No text selected.

NEW TEXTS 1. *Introduction to Coding Theory* by VanLint, Springer.

2. *Codes and Algebraic Curves* by Pretzel, Clarendon Press Oxford.

Text changed on July 12 for MA 510

OLD TEXT No text selected

NEW TEXT *Vector Calculus* by Marsden and Tromba, Freeman, 5th edition.

Text changed on July 12 for MA 511

OLD TEXT No text selected

NEW TEXT *Linear Algebra* by Strang, Brooks Cole, 3rd edition.

Text changed on July 12 for MA 503 and 598A

OLD TEXT *Elements of Abstract Algebra* by Clark, Dover.

NEW TEXT *Abstract Algebra* by Dummit and Foote, Wiley.

Text changed on July 12 for MA 353

OLD TEXT No text selected

NEW TEXT *Linear Algebra with Applications* by Leon, Prentice Hall, 6th ed.

Text changed on July 12 for MA 557

OLD TEXT *Introduction to Commutative Algebra* by Atiyah–Macdonald, Addison Wesley.

NEW TEXT MA 557 has been cancelled.

Text changed on July 12 for MA 598Z

OLD TEXT *Introductory Functional Analysis with Applications* by Kreyszig, Wiley.

NEW TEXT MA 598Z has been cancelled.

Text changed on DATE for MA 152

OLD TEXT *College Algebra* by Gustafson and Frisk, Brooks Cole. 7-th edition

NEW TEXT *College Algebra* by Gustafson and Frisk, Brooks Cole. 8-th edition

Text changed on August 6 for MA 504 and MA 598R

OLD TEXT *Introduction to Real Analysis*, ISBN 0-13-045786-8, by William F. Trench, Prentice-Hall, 2003.

NEW TEXT *Principles of Mathematical Analysis* by Rudin, McGraw Hill, 3rd edition

Additional Text on September 3 for MA 665

Commutative Algebra II by Zariski, O., Samuel, P., Springer.