

Course	Title	Edition	New?	Author	Publisher	Estimated Enrollments		
						Fall	Spring	Summer
108	No text used					45		
111	MyMathLab Student Access Kit (stand-alone) ISBN: 0-321-19991-X (Note: This is a packet with an access code)		Same		Addison Wesley	160		
137	Mathematics for Elementary School Teachers, A Conceptual Approach (NOTE: MA 137 is using the 7th edition)	7th	New	Bennett and Nelson	McGraw Hill	230		
138	Mathematics for Elementary School Teachers, A Conceptual Approach	6th	Same	Bennett and Nelson	McGraw Hill	120		
139	Mathematics for Elementary School Teachers, A Conceptual Approach	6th	Same	Bennett and Nelson	McGraw Hill	150		
152	College algebra	8th	Same	Gustafson and Frisk	Brooks Cole	500		
152X	College algebra	8th	Same	Gustafson and Frisk	Brooks Cole	30		
153	Algebra and Trigonometry with Analytic Geometry (bundled with ILRN booklet and CD)	Classic 11th	Same	Swokowski and Cole	Brooks Cole	2050		
153X	Algebra and Trigonometry with Analytic Geometry (bundled with ILRN booklet and CD)	Classic 11th	Same	Swokowski and Cole	Brooks Cole	30		
154	Algebra and Trigonometry with Analytic Geometry	Classic 11th	Same	Swokowski and Cole	Brooks Cole	425		
154X	Algebra and Trigonometry with Analytic Geometry	Classic 11th	Same	Swokowski and Cole	Brooks Cole	30		
159	Algebra and Trigonometry with Analytic Geometry (bundled with ILRN booklet and CD)	Classic 11th	Same	Swokowski and Cole	Brooks Cole	950		
161	Calculus - Early Transcendentals CUSTOM 5th EDITION - PURDUE UNIVERSITY (with iLrn)	5th	Same	Stewart	Brooks Cole	740		
161E	Calculus - Early Transcendentals CUSTOM 5th EDITION - PURDUE UNIVERSITY (with iLrn)	5th	Same	Stewart	Brooks Cole	85		
161M	Calculus - Early Transcendentals CUSTOM 5th EDITION - PURDUE UNIVERSITY (with iLrn)	5th	Same	Stewart	Brooks Cole	50		
162	Calculus - Early Transcendentals CUSTOM 5th EDITION - PURDUE UNIVERSITY (with iLrn)	5th	Same	Stewart	Brooks Cole	720		

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165	Calculus - Early Transcendentals CUSTOM 5th EDITION - PURDUE UNIVERSITY (with iLrn)	5th	Same	Stewart	Brooks Cole	950		
170	No Text Used					40		
173	Thomas Calculus (ISBN 0321185587)	11th	New	Finney, Weir and Giordano	Addison Wesley	240		
181	Thomas Calculus (ISBN 0321185587)	11th	New	Finney, Weir and Giordano	Addison Wesley	70		
190H	Knots and Surfaces: A Guide to Discovering Mathematics (Mathematical World, Vol. 6)		New	Farmer and Stanford	AMS	10		
220	Brief Calculus, An Applied Approach – Special Edition for Purdue University, ISBN 0-618-69022-0		Same	Larson	Houghton Mifflin Company	150		
221	Technical Calculus with Analytic Geomety	4th	Same	Kuhfittig	Brooks Cole	380		
222	Technical Calculus with Analytic Geomety	4th	New	Kuhfittig	Brooks Cole	130		
223	Applied Calculus For Managerial Life and Social Sciences (ISBN 0-534-37843-9)	6th	Same	Tan	Brooks Cole	1250		
224	Applied Calculus For Managerial Life and Social Sciences (ISBN 0-534-37843-9)	6th	Same	Tan	Brooks Cole	750		
261	Calculus - Early Transcendentals CUSTOM 5th EDITION - PURDUE UNIVERSITY (with iLrn)	5th	New	Stewart	Brooks Cole	900		
261M	Calculus - Early Transcendentals CUSTOM 5th EDITION - PURDUE UNIVERSITY (with iLrn)	5th	New	Stewart	Brooks Cole	35		
262	An Introduction to Differential Equations and Linear Algebra	1999, 2nd ed.	Same	Goode	Prentice Hall	150		
265	Elementary Linear Algebra	8th	Same	Kolman and Hill	Prentice Hall	450		
	Linear Algebra Labs with MATLAB	3rd	Same	Hill and Zitarelli	Prentice Hall			
266	Elementary Differential Equations and Boundary Value Problems (with CD)	8th	Same	Boyce and DiPrima	Wiley	420		
271	Thomas Calculus (ISBN 0321185587)	11th	New	Finney, Weir and Giordano	Addison Wesley	150		
290A	ACTEX Study Manual for the SOA Exam P and CAS Exam 1, 2006 Edition	2006	New	Samuel A. Broverman	ACTEX	40		

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301	Notes		Same	Penney		55		
303	Elementary Differential Equations and Boundary Value Problems	8th	Same	Boyce and DiPrima	Wiley	190		
	Ordinary Differential Equations using MATLAB	3rd	Same	Polking	Prentice Hall			
304	Elementary Differential Equations and Boundary Value Problems	8th	Same	Boyce and DiPrima	Wiley	60		
	Ordinary Differential Equations using MATLAB	3rd	Same	Polking	Prentice Hall			
341	Understanding Analysis		Same	Abbott	Springer	50		
351	Linear Algebras with Applications ISBN 0-13-145334-3	3rd	Same	Otto Bretscher	Prentice Hall	125		
353	Basic Linear Algebra	2nd	Same	Blith and Robertson	Springer	40		
	Further Linear Algebra	1st	Same	Blith and Robertson	Springer			
362	Vector Calculus	5th	Same	Marsden and Tromba	Freeman	30		
366	Elementary Differential Equations and Boundary Value Problems (with CD)	8th	New	Boyce and DiPrima	Wiley	110		
375	Discrete Mathematics and its Applications (5th edition used in Fall 2006 semester)	5th	Same	Rosen	McGraw Hill	60		
416	A First Course in Probability	7th	New	Ross	Prentice Hall	20		
440	The Elements of Real Analysis	2nd	New	R. G. Bartle	Wiley	30		
450	Contemporary Abstract Algebra	6th	Same	Gallian	Houghton Mifflin	20		
453	Algebra, A Geometric Approach	1996	Same	Shifrin	Prentice Hall	40		
460	The Elements	Vol I (Books I and II)	Same	Euclid	Dover	40		
	Notes		Same	McClure				
481	No Text Used					10		
484	No text Used					11		

Course	Title	Edition	New?	Author	Publisher	Estimated Enrollments		
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503	Abstract Algebra	3rd	New	Herstein	Prentice Hall	20		
504	Principles of Mathematical Analysis	2003	New	Rudin	McGraw-Hill	35		
510	Vector Calculus	5th	Same	Marsden and Tromba	Freeman	20		
511	Linear Algebra	4th	Same	Strang	Brooks Cole	115		
516	Arbitrage Theory in Continuous Time	2000	Same	Tomas Bjork	Oxford University Press	20		
	Introduction to Stochastic Calculus Applied to Finance	1996 (reprinted in 2000)	Same	Lamberton and Lapeyne	Chapman and Hall - CRC			
	Implementing Derivative Models (Recommended)	1998	Same	Clewlow and Strickland	Wiley			
519	Introduction to Probability Theory		Same	Hoel, Port and Stone	Houghton Mifflin	30		
523	Partial Differential Equations	1998	Same	Evans	AMS	25		
525	Fundamentals of Complex Analysis for Mathematics, Sciences and Engineering	3rd	Same	Saff and Snider	Prentice Hall	40		
527	Advanced Engineering Mathematics	9th	New	Kreyszig	Wiley	120		
527Q	Advanced Engineering Mathematics	9th	New	Kreyszig	Wiley	120		
530	Complex Variables	3rd	Same	Lars Ahlfors	McGraw Hill	15		
	Notes on Complex Function Theory	1994	Same	Donald Sarason	Helson Press			
531	Complex Variables	3rd	New	Lars Ahlfors	McGraw Hill	15		
539	Probability and Measure	3rd	New	Billingsley	Wiley	10		
	Probability		New	L. Breiman	SIAM			
542	Introduction to the Theory of Distributions	2nd	New	Friedlander and Joshi	Cambridge University Press	20		
544	Real Analysis (Recommended)		New	Alberto Torchinsky	Addison Wesley	30		
	Real and Complex Analysis (Recommended)		New	Walter Rudin	McGraw Hill			
	Measure and Integration (Recommended)		New	Wheeden and Zygmund	Dekker			
553	Abstract Algebra (ISBN 0471433349)	3rd	New	Dummit and Foote	Wiley	20		
	Galois Theory (ISBN 0387985417) (Optional)	2nd	New	Joseph Rotman	Springer			
554	Linear Algebra	2nd	New	K. Hoffman and R. Kunze	Prentice Hall	25		
557	Introduction to Commutative Algebra (Recommended)	paperback	Same	Atiyah and MacDonald	Perseus	20		

Course	Title	Edition	New?	Author	Publisher	Estimated Enrollments		
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562	An Introduction to Differentiable Manifolds and Riemannian Geometry	2003, 2nd revised edition	Same	William M. Boothby	Academic Press	15		
	Differential Forms in Algebraic Topology (Recommended)		New	R. Bott and L. Tu	Springer			
	Morse Theory (Recommended)		New	J. W. Milnor	Princeton University Press			
571	Topology (ISBN 0-13-1816292)	2nd	Same	Munkres	Prentice Hall	25		
575	Graph Theory with Applications	2005	New	Bondy and Murty	Wiley	30		
584	Algebraic Number Fields, GSM, vol. 7	2nd	Same	Gerald J. Janusz	AMS	20		
598A	(same as MA 503)					20		
598B	No Text Used					15		
598C	The Mathematical Theory of Finite Element Methods	2000	New	Brenna and Scott	Springer	15		
598D	No Text Used					15		
598E	Continuum Mechanics for Engineers	2nd, 1999	New	G. T. Mase and G. E. Mase	CRC Press	15		
598G	Lectures of Algebra I (ISBN:981-256-826-3)		New	Abhyankar	World Scientific	15		
598K	Notes		New			15		
598R	(same as MA 504)					15		
598Z	Partial Differential Equations with Numerical Methods (Texts in applied Mathematics)	1st	New	Stig Larsson and Vidar Thomee	Springer	15		
620	Notes					15		
638	No Text Selected					15		
642	Elliptic Partial Differential Equations of Second Order	2nd	Same	Gilbarg and Trudinger	Springer	15		
646	No Text Used					15		
650	No Text Used					15		
690B	Choen-Macaulay Rings	Revised	New	W. Bruns and J. Herzog	Cambridge University Press	15		
690F	A First Course in Modular Forms (GTM vol. 228)		New	F. Diamond and J. Shurman	Springer	15		

Course	Title	Edition	New?	Author	Publisher	Estimated Enrollments		
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690M	Algebraic Geometry	1997	New	Hartshorn	Springer	15		
	Methods of Homological Algebra	2003	New	Gelfand and Manin	Springer			
690R	No Text Used					15		
690S	Proceedings of the 2003 CMI Summer School at the Fields Institute (Recommended)		New		CMI Publications	15		
692C	Microlocal Analysis for Differential Operators		New	Alain Grigis and Johannes Sjostrand	Cambridge University Press	15		
692D	No Text Used					15		
692F	Mathematical Models in Population Biology and Epidemiology (Optional)		New	Brauer and Castillo-Chavez	Springer	15		
	Elements of Mathematical Ecology (Optional)		New	Kot	Cambridge University Press			
	Mathematics in Poulation Biology (Optional)		New	Thieme	Princeton University Press			
692S	No Text Used					15		
694A	Multiple Integrals in the Calculus of Variations and Non-linear Elliptic Systems ISBN 0691083312	1983	New	M. Giaquinta	Princeton University Press	15		
	Variational Theories for Liquid Crystals, ISBN 0691083312 (Recommended)	1995	New	E. G. Virga	Chapman and Hall/CRC			
694R	No Text Selected					15		

Changes:

MA 694A Additional text added on April 19:

Variational Theories for Liquid Crystals, ISBN 0691083312 (Recommended) by E. G. Virga, (Chapman and Hall/CRC), 1995

MA 341 text changed on April 19:

OLD TEXT No text selected

NEW TEXT *Understanding Analysis* by Abbott, (Springer)

MA 554 text changed on April 19:

OLD TEXT No text selected

NEW TEXT *Linear Algebra* by K. Hoffman and R. Kunze, (Prentice Hall), 2nd edition

MA 557 text changed on April 21:

OLD TEXT No text selected

NEW TEXT *Introduction to Commutative Algebra* (Recommended) by Atiyah and MacDonald, (Perseus), paperback edition

MA 503 text changed on April 25:

OLD TEXT No text selected

NEW TEXT *Abstract Algebra* by Herstein, (Prentice Hall), 3rd edition

MA 224 text changed on May 11:

OLD TEXT No text selected

NEW TEXT *Applied Calculus For Managerial Life and Social Sciences* (ISBN 0-534-37843-9), by Tan, (Brooks Cole) 6th Edition

MA 598D text changed on May 11:

OLD TEXT No text selected

NEW TEXT No text used

MA 220 text changed on May 17:

OLD TEXT No text selected

NEW TEXT *Brief Calculus, An Applied Approach – Special Edition for Purdue University*, ISBN 0-618-69022-0, by Larson (Houghton Mifflin Company)

MA 416 text changed on May 18:

OLD TEXT No text selected

NEW TEXT *A First Course in Probability*, by Ross (Prentice Hall), 7-th edition

MA 519 text changed on May 18:

OLD TEXT No text selected

NEW TEXT *Introduction to Probability Theory*, by Hoel, Port and Stone (Houghton Mifflin)

MA 690S text changed on May 18:

OLD TEXT No text selected

NEW TEXT *Proceedings of the 2003 CMI Summer School at the Fields Institute*, (Recommended) CMI Publications

MA 362 text changed on May 18:

OLD TEXT No text selected

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

MA 692C text changed on May 18:

OLD TEXT No text selected

NEW TEXT *Microlocal Analysis for Differential Operators*, by Alain Grigis and Johannes Sjostrand (Cambridge University Press)

MA 650 text changed on May 18:

OLD TEXT No text selected

NEW TEXT No text used

MA 690M text changed on May 18:

OLD TEXT No text selected

NEW TEXTS 1. *Algebraic Geometry*, by Hartshorn, (Springer 1997), and
2. *Methods of Homological Algebra*, by elfand and Manin (Springer 2004).

MA 223 text changed on June 6:

OLD TEXT No text selected

NEW TEXT *Applied Calculus For Managerial Life and Social Sciences*, ISBN 0-534-37843-9, by Tan, (Brooks Cole, 6th edition)

MA 290A text added on June 13:

NEW TEXT *ACTEX Study Manual for the SOA Exam P and CAS Exam 1, 2006 Edition* by Samuel A. Broverman, (ACTEX)

MA 375 text changed on July 12:

OLD TEXT No text selected

NEW TEXT *Discrete Mathematics and its Applications*, (5th edition used in Fall 2006 semester), by Rosen (McGraw Hill)

Department: Mathematics

Textbook Master List

School Year: Fall, 2006

MA 598C text changed on August 22:

OLD TEXT No text selected

NEW TEXT *The Mathematical Theory of Finite Element Methods* by Brenna and Scott, 2000 Edition (Springer)