

Course	Title	EditionNew?		Author	Publisher	Estimated Enrollments		
						Fall	Spring	Summer
13700	MATH 13700 Mathematics for Elementary Teachers I, Purdue University Custom Edition, Reconceptualizing Mathematics (ISBN 1-4292-8988-0)		Same	Sowder, Sowder and Nickerson	Freeman		70	
13800	MATH 13800 Mathematics for Elementary Teachers II, Purdue University Custom Edition, Reconceptualizing Mathematics (ISBN 978-1-4641-0182-3)		New	Sowder, Sowder and Nickerson	Freeman		130	
13900	MATH 13900 Mathematics for Elementary Teachers III, Purdue University Custom Edition, Reconceptualizing Mathematics (ISBN 1-4292-6784-4)		Same	Sowder, Sowder and Nickerson	Freeman		55	
15200	College Algebra, PKG Purdue (including MyMathLab) ISBN: 0-558-24985-X		Same	Blitzer and Bailey	Pearson		260	
15300	Algebra and Trigonometry with Analytic Geometry (Custom with Enhanced Webassign Homework Card, ISBN 1-111-87720-3)	Classic	Same	Swokowski and Cole	Brooks Cole		450	
15400	Algebra and Trigonometry with Analytic Geometry (Custom with Enhanced Webassign Homework Card, ISBN 1-111-87720-3)	Classic	New	Swokowski and Cole	Brooks Cole		650	
15900	Algebra and Trigonometry with Analytic Geometry (Custom with Enhanced Webassign Homework Card, ISBN 1-111-87720-3)	Classic	Same	Swokowski and Cole	Brooks Cole		125	
16100	Calculus - Early Transcendentals 7th EDITION (Purdue University Edition with 3-term EWA Card ISBN 1-133-16646-6)	7th	Same	Stewart	Brooks Cole		975	
16200	Calculus - Early Transcendentals 7th EDITION (Purdue University Edition with 3-term EWA Card ISBN 1-133-16646-6)	7th	New	Stewart	Brooks Cole		1225	
16600	Calculus - Early Transcendentals 7th EDITION (Purdue University Edition with 3-term EWA Card ISBN 1-133-16646-6)	7th	New	Stewart	Brooks Cole		800	
17400	Thomas Calculus, Early Transcendentals ISBN 0-321-58876-2, 978-0-321-58876-0	12th	Same	Weir and Haas	Addison Wesley		40	
18200	Thomas Calculus, Early Transcendentals ISBN 0-321-58876-2, 978-0-321-58876-0	12th	Same	Weir and Haas	Addison Wesley		30	

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22000	Brief Calculus, An Applied Approach – Special Edition for Purdue University, ISBN 978-0-618-99779-4		Same	Larson	Houghton Mifflin Company		135	
22100	Technical Calculus with Analytic Geomey ISBN 0-495-01876-7, 978-0-495-01876-6	4th	Same	Kuhfittig	Brooks Cole		200	
22200	Technical Calculus with Analytic Geomey ISBN 0-495-01876-7, 978-0-495-01876-6	4th	Same	Kuhfittig	Brooks Cole		100	
22300	Applied Calculus for Business, Economics, and the Social and Life Sciences (Selected chapters from 9/10 edition for Purdue Univeristy), EXPANDED 10/e and MathZone student access code ISBN 0077485831	expanded 10th	Same	Hoffman/Bradley	McGraw Hill		1000	
22400	Applied Calculus for Business, Economics, and the Social and Life Sciences (Selected chapters from 9/10 edition for Purdue Univeristy), EXPANDED 10/e and MathZone student access code ISBN 0077485831	expanded 10th	Same	Hoffman/Bradley	McGraw Hill		1100	
23100	Calculus for the Life Sciences (ISBN 0-321-27935-2)		Same	Bittinger, Brand and Quintanilla	Addison Wesley		80	
23200	Calculus for the Life Sciences (ISBN 0-321-27935-2)		Same	Bittinger, Brand and Quintanilla	Addison Wesley		175	
25000	ACTEX Study Manual for the SOA Exam P and CAS Exam 1, 2010 Edition ISBN 978-1-56698-745-5	2010	New	Samuel A. Broverman	ACTEX		25	
26100	Calculus - Early Transcendentals 6th EDITION (Purdue Univeristy Edition with 3-term EWA Card ISBN 0538781122)	6th	Same	Stewart	Brooks Cole		975	
26200	An Introduction to Differential Equations and Linear Algebra ISBN 0-13-045794-9, 978-0-13-045794-3	3rd	Same	Goode	Prentice Hall		450	
26500	Elementary Linear Algebra with Applications and Labs PKG Purdue, includes Web Assign (ISBN: 0-558-689698)	9th	Same	Kolman and Hill	Prentice Hall		600	
26600	Elementary Differential Equations and Boundary Value Problems (Binder Ready with Wiley Plus, ISBN 978-9-470-40421-8)	9th	Same	Boyce and DiPrima	Wiley		600	
30100	Notes		Same	Penney			110	

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30300	Elementary Differential Equations and Boundary Value Problems (Binder Ready with Wiley Plus, ISBN 978-9-470-40421-8)	9th	New	Boyce and DiPrima	Wiley		215	
30400	Elementary Differential Equations and Boundary Value Problems (Binder Ready with Wiley Plus, ISBN 978-9-470-40421-8)	9th	New	Boyce and DiPrima	Wiley		75	
34100	Introduction to Real Analysis ISBN 978-0-471-32148-4	3rd	New	Bartle and Sherbert	Wiley		80	
35100	Linear Algebras with Applications ISBN 978-0-13-600926-9	4th	Same	Otto Bretscher	Prentice Hall		300	
35300	Linear Algebra ISBN 0-13-008451-4	4th	New	Friedbert, Insel and Spence	Prentice Hall		75	
36200	Vector Calculus ISBN-10: 1-4292-1508-9, ISBN-13: 978-1-4292-1508-4	6th	NEW	Marsden and Tromba	Freeman		100	
36600	Elementary Differential Equations and Boundary Value Problems (Binder Ready with Wiley Plus, ISBN 978-9-470-40421-8)	9th	Same	Boyce and DiPrima	Wiley		120	
37300	Mathematical Interest Theory ISBN: 978-0-88385-754-0	2-nd	Same	James W. Daniel and Leslei Jane Federer Vaaler	MAA		150	
	Derivative Markets (ISBN 0-321-28030-X)	Second		Robert L. McDonald	Addison Wesley			
37500	Discrete Mathematics and its Applications ISBN	7th	NEW	Rosen	McGraw Hill		60	
38500	Mathematical Logic, Applications and Theory ISBN 0-7421-6301-6, 978-0-7421-6301-0		New	Jean Rubin			55	

Course	Title	EditionNew?		Author	Publisher	Estimated Enrollments		
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39000 Great Issues in Math CRN 59918 Prof. Goins	Mathematicians: An Outer View of the Inner World, ISBN-10: 0691139512 / ISBN-13: 978-0691139517		NEW	Mariana Cook	Princeton University Press		95	
	Men of Mathematics, ISBN-10: 0671628186 / ISBN-13: 978-0671628185		NEW	E. T. Bell	Touchstone Press			
	Women in Mathematics, the Addition of Difference, ISBN-10: 0253211190 / ISBN-13: 978-0253211194		NEW	Claudia Henrion	Indiana University Press			
	A Mathematician's Apology, ISBN-10: 1466402695 / ISBN-13: 978-1466402690		NEW	G. H. Hardy	Cambridge University Press			
	A Mathematician Reads the Newspaper, ISBN-10: 038548254X / ISBN-13: 978-0385482547		NEW	John Allen Paulos	Anchor Press			
	Why do Buses come in Threes? The Hidden Mathematics of Everyday Life, ISBN-10: 0471379077 / ISBN-13: 978-0471379072		NEW	Rob Eastaway and Jeremy Wyndham	Wiley			
	Imagining Numbers, (particularly the square root of minus fifteen), ISBN-10: 0312421877 / ISBN-13: 978-0312421878		NEW	Barry Mazur	Picador Press			
41600	To be determined						20	
42100	Linear Programming ISBN 0-7167-1587-2		New	Vasek Chvatal	Freeman		20	
44200	The Elements of Real Analysis ISBN 0-471-05464-X	2nd	Same	R. G. Bartle	Wiley		30	
45300 Prof. Ulrich CRN 49761	A First Course in Abstract Algebra	latest	New	John Fraleigh	Addison Wesley		60	
45300 Prof. Basu CRN 22150	Topics in Algebra ISBN-13: 978-0471010906	2th		Herstein			70	
45400	Field Theory and its Classical Problems ISBN 0-88385-032-X		Same	Hadlock	MAA		20	
46000	The Elements, Volume I (Books I and II) ISBN 0-486-60088-2, 978-0-486-60088-8	Vol I (Books I and II)	Same	Euclid	Dover		30	
	Notes		Same	McClure				
49000 Useful Algebra CRN 58244 Prof. Abhyankar	Algebraic Geometry for Scientists and Engineers		New	S. S. Abhyankar	American Mathematical Society		40	

Department: Mathematics

Textbook Master List

School Year: Spring, 2012

49000 PDE's CRN 58855 Prof. Yip	Partial Differential Equations, An Introduction	2nd	New	Walter A. Strauss	Wiley		30	
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						Fall	Spring	Summer
50400	Principles of Mathematical Analysis		New	W. Rudin	McGraw-Hill		35	
51000	Vector Calculus ISBN-10: 1-4292-1508-9, ISBN-13: 978-1-4292-1508-4	6th	NEW	Marsden and Tromba	Freeman		35	
51100	Linear Algebra ISBN 0-03-010567-7, 978-0-03-010567-8	4th	Same	Strang	Brooks Cole		90	
51400	Numerical Analysis, an Introduction ISBN 978-0-8176-8258-3	2nd	NEW	Gautschi	Birkhauser		30	
51500	Arbitrage Theory in Continuous Time ISBN 0199271267 (RECOMMENDED)	2nd	Same	Bjork	Oxford University Press		25	
51800	Concrete Mathematics ISBN 0-201-55802-5, 978-0-201-55802-9	Second	Same	Graham, Knuth and Patashnik	Addison-Wesley		25	
51900	To be determined						25	
52000	Fourier Analysis and its Applications ISBN 0-534-17094-3	1992	Same	Folland	American Mathematical Society		35	
52300	Partial Differential Equations volume 19 of Graduate Studies in Mathematics ISBN 0821849743, 9780821849743 (RECOMMENDED)	2nd, is-	New	Lawrence. C. Evans	American Mathematical Society		35	
52800	Advanced Engineering Mathematics (Purdue soft cover and WileyPLUS) ISBN 978-1-118-13970-7	10th	New	Kreyszig	Wiley		110	
53000	Complex Analysis (Princeton Lectures in Analysis II) ISBN 0-691-11385-8, 978-0-691-11385-2	2003	Same	Stein and Shakarchi	Princeton University Press		30	
53200	Notes		New				15	
53800	To be determined						15	
54400	No Text Used						30	
54500	Notes						20	
55300	Abstract Algebra	3rd	New	Dummit and Foote	Wiley		25	
55400	Linear Algebra ISBN 0135367972	2nd	New	Hoffman and Kunze	Prentice Hall (Pearson)		25	
55800	Introduction to Commutative Algebra		New	M. F. Atiyah and I. G. MacDonald	Addison Wesley		20	
57200	Elements of Algebraic Topology ISBN 0-201-62728-0, 978-0-201-62728-2	Paperback	New	Munkres	Westview Press		20	

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						Fall	Spring	Summer
59800 CRN 43028 Prof. Cushman	No Text Used						20	
59800 Useful Algebra CRN 59356 Prof. Abhyankar	Algebraic Geometry for Scientists and Engineers		New	S. S. Abhyankar	American Mathematical Society		40	
61100	Foundations of Modern Analysis ISBN 0-486-64062-0		New	Avner Friedman	Dover		20	
61500	Partial Differential Equations with Numerical Methods ISBN 978-3540017721		New	Stig Larsson and Vidar Thomee	Springer		20	
64300	Elliptic Partial Differential Equations of Second Order ISSN 1431-0821, ISBN 3-540-41160-7 (RECOMMENDED)	Second	Same	D. Gilbarg and N. S. Grudinger	Springer		20	
66100	Riemannian Manifolds: An Introduction to Curvature ISBN 0-387-98322-8	1997		John M. Lee	Springer		20	
68400	To be determined						20	
69000 CRN 22204 Prof. Caviglia	Polytopes, Rings and K-Theory (Springer Monographs in Mathematics)		New	Bruns and Gubeladze	Springer		20	
69000 CRN 22210 Prof. de Branges	No Text Used						20	
69000 CRN 58253 Prof. Ulrich	No Text Used						20	
69000 CRN 60225 Prof. Arapura	Abelian Varieties (Tata Institute of Fundamental Research) ISBN-10: 81-85931-86-0, ISBN-13: 978-81-85931-86-9	2008	New	David Mumford	American Mathematical Society		20	
69200 CRN 52831 Prof. de Hoop	Notes						20	
69200 CRN 22211 Prof. Shen	No Text Used						20	
69300 CRN 52834 Prof. Bell	No Text Used						20	
69600 CRN 34038 Prof. Yeung	No Text Used						20	