Course	Title	Edition	New?	Author	Publisher	Estimated Enrollments Fall	Spring	Summer
11100	Intermediate Algbra, Custom Edition, Purdue University (including MyMathLab) ISBN 0-558-31064-8	8th	Same	Bittinger	Pearson		25	
13700	Custom Preliminary Edition of Reconceptualizing Mathematics, Part 1 (ISBN 1-4292-4712-6)		Same	Sowder, Sowder and Nickerson	Freeman		45	
13800	Custom Preliminary Edition of Reconceptualizing Mathematics, Parts 2 and 4 (ISBN 1-4292-5516-1)		New	Sowder, Sowder and Nickerson	Freeman		125	
13900	Custom 1st Edition of Reconceptualizing Mathematics, Part 3 (ISBN 1-4292-6784-4)		Same	Sowder, Sowder and Nickerson	Freeman		55	
15200	College Algbra, PKG Purdue (including MyMathLab) ISBN: 0-558-24985-X		Same	Blitzer and Bailey	Pearson		220	
15300	Algebra and Trigonometry with Analytic Geometry (Custom with Enhanced Webassign Homework Card, ISBN 1-111-87720-3)	Classic 12th custom edition	Same	Swokowski and Cole	Brooks Cole		480	
15400	Algebra and Trigonometry with Analytic Geometry (Custom with Enhanced Webassign Homework Card, ISBN 1-111-87720-3)	Classic 12th custom edition	New	Swokowski and Cole	Brooks Cole		780	
15900	Algebra and Trigonometry with Analytic Geometry (Custom with Enhanced Webassign Homework Card, ISBN 1-111-87720-3)	Classic 12th custom edition	Same	Swokowski and Cole	Brooks Cole		125	

Course	Title	Edition	New?	Author	Publisher	Estimated Enrollments Fall	Spring	Summer
16100	Calculus - Early Transcendentals 6th EDITION (Purdue Univeristy Edition with 3-term EWA Card ISBN 0538781122)	6th	Same	Stewart	Brooks Cole		700	
16200	Calculus - Early Transcendentals 6th EDITION (Purdue Univeristy Edition with 3-term EWA Card ISBN 0538781122)	6th	Same	Stewart	Brooks Cole		720	
16600	Calculus - Early Transcendentals 6th EDITION (Purdue Univeristy Edition with 3-term EWA Card ISBN 0538781122)	6th	Same	Stewart	Brooks Cole		700	
17400	Thomas Calculus, Early Transcendentals ISBN 0-321-58876-2, 978-0-321-58876-0	12th	New	Weir and Haas	Addison Wesley		140	
18200	Thomas Calculus, Early Transcendentals ISBN 0-321-58876-2, 978-0-321-58876-0	12th	New	Weir and Haas	Addison Wesley		20	
22000	Brief Calculus, An Applied Approach – Special Edition for Purdue University, ISBN 978-0-618-99779-4		Same	Larson	Houghton Mifflin Company		110	
22100	Technical Calculus with Analytic Geomety ISBN 0-495-01876-7, 978-0-495-01876-6	4th	Same	Kuhfittig	Brooks Cole		200	
22200	Technical Calculus with Analytic Geomety 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		700	
22400	Applied Calculus for Business, Economics, and the Social and Life Sciences, EXPANDED 10/e Plus free MathZone ISBN 0078085799	expanded 10th	Same	Hoffman/Bradley	McGraw Hill		900	
23100	Calculus for the Life Sciences (ISBN 0-321-27935-2)		Same	Bittinger, Brand and Quintanilla	Addison Wesley		50	
23200	Calculus for the Life Sciences (ISBN 0-321-27935-2)		Same	Bittinger, Brand and Quintanilla	Addison Wesley		100	

Course	Title	Edition	New?	Author	Publisher	Estimated Enrollments Fall	Spring	Summer
25000	ACTEX Study Manual for the SOA Exam P and CAS Exam 1, 2010 Edition ISBN 978-1-56698-745-5	2009	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		875	
26200	An Introduction to Differential Equations and Linear Algebra ISBN 0-13-045794-9, 978-0-13-045794-3	3rd	Same	Goode	Prentice Hall		375	
26500	Elementary Linear Algebra with Applications and Labs PKG Purdue, includes Web Assign (ISBN: 0-558-689698)	9th	New	Kolman and Hill	Prentice Hall		590	
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			60	
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		275	
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		100	
34100	Introduction to Real Analysis ISBN 978-0-471-32148-4	3rd	New	Bartle and Sherbert	Wiley		110	
35100	Linear Algebras with Applications ISBN 978-0-13-600926-9	4th	Same	Otto Bretscher	Prentice Hall		200	
35300	Linear Algebra ISBN 0-13-008451-4	4th	New	Friedbert, Insel and Spence	Prentice Hall		60	
36200	Vector Calculus ISBN 0716-70645-8, 978-0-716-70645-8	5th	Same	Marsden and Tromba	Freeman		60	
36600	Elementary Differential Equations and Boundary Value Problems ISBN 978-0-470-38334-6	9th	Same	Boyce and DiPrima	Wiley		110	

Course	Title	Edition	New?	Author	Publisher	Fall	Spring	Summer
						Estimated Enrollments		
37300	Mathematical Interest Theory ISBN: 978-0-88385-754-0	2-nd	Same	James W. Daniel and Leslei Jane Federer Vaaler	MAA		140	
	Derivative Markets (ISBN 0-321-28030-X)	Second		Robert L. McDonald	Addison Wesley			
37500	Discrete Mathematics and its Applications ISBN 0072880082	6th	Same	Rosen	McGraw Hill		50	
38500	Mathematical Logic, Applications and Theory ISBN 0-7421-6301-6, 978-0-7421-6301-0		New	Jean Rubin			30	
41600	Fundamentals of Probability, A First Course ISBN 978-1-4419-5779-5	2010		DasGupta			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	New	R. G. Bartle	Wiley		20	
45300	Contemporary Abstract Algebra ISBN 0-547-16509-9, 978-0-547-16509-7	7th	Same	Gallian	Houghton Mifflin		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		40	
	Notes		Same	McClure				
49000 Computational Cell Biology CRN 52802 Prof. Buzzard	Computational Cell Biology, Interdisciplinary Applied Mathematics, vol. 20, ISBN 0-387-95369-8		New	C. P. Fall, E. S. Marland, J. M. Wagner and J. J Tyson (editors)	Springer Verlag		20	
50400	Mathematical Analysis I (ISBN 978-1-931705-02-X, published in 2004 and revised in 2010, available for free from http://www.trillia.com/zakon-analysisI.html. Bound version with ISBN number 978-1-61738-647-3, published in 2010, available from http://www.proceedings.com/08555.html)		New	Elias Zakon	Trillia Group		35	
51000	Vector Calculus ISBN 0716-70645-8, 978-0-716-70645-8	5th	Same	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 0-8176-3895-4	1st	New	Gautschi	Birkhauser		30	
51500	Arbitrage Theory in Continuous Time ISBN 0199271267	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	A First Course in Probability, ISBN 978-0136033134	8th		Ross	Prentice Hall		25	

Course	Title	Edition	New?	Author	Publisher	Estimated Enrollments Fall	Spring	Summer
52000	Fourier Analysis and its Applications ISBN 0-534-17094-3	1992	Same	Folland	Brooks Cole		20	
52300	Partial Differential Equations volume 19 of Graduate Studies in Mathematics ISBN 0821849743, 9780821849743	2nd, isustrated	New	Lawrence. C. Evans	American Mathematical Society		35	
	Partial Differential Equations ISBN 0387906096, 978-0387906096	4th	New	F. John	Springer Verlag			
	Elliptic Partial Differential Equations of Second Order ISBN 3540411607, 9783540411604(Recommended)	2nd, 2001	New	Dafid Gilbarg and Neil S. Trudinger	Springer Verlag			
52800	Advanced Engineering Mathematics ISBN 0-471-48885-2	9th	Same	Kreyszig	Wiley		110	
53000	Complex Analysis ISBN 0-691-11385-8, 978-0-691-11385-2	2003	Same	Stein and Shakarchi	Princeton University Press		30	
53200	Introduction to Stochastic Processes ISBN 0-88133-267-4	1987	New	Hoel and Port and Stone	Waveland		15	
53800	Probability and Measure ISBN 0-471-00710-2, 978-0-471-00710-4	3rd	Same	Billingsley	Wiley		15	
54400	Measure and Integration, An Introduction to Real Analysis ISBN 978-0-824-76499-9	latest	New	R. Wheeden and A. Zygmund	Chapman and Hall/CRC Press/Taylor and Francis Group		30	
54500	Notes						20	
55300	Algebra (GTM 211)	latest	New	Serge Lang	Springer Verlag		25	
55400	Linear Algebra ISBN 0135367972	2nd	New	Hoffman and Kunze	Prentice Hall (Pearson)		25	
55800	No text required						20	
57200	Elements of Algebraic Topology ISBN 0-201-62728-0, 978-0-201-62728-2	Paperback 1995	New	Munkres	Westview Press		20	
59800 CRN 43028 Prof. Lee	Morse Theory ISBN 0-691-08008-9 (RECOMMENDED)		New	J. Milnor	Princeton University Press		20	
	Lectures on the h-cobordism theorem (RECOMMENDED)		New	J. Milnor	Princeton University Press			
59800 CRN 43026 Prof. Sa Barreto	No text used						20	
59800 CRN 45729 Prof. Cushman	Handbook of Stochastic Methods for Physics, Chemistry and Natural Sciences (2nd edition ISBN 3-540-61634-9) (3rd edition ISBN 3-540-20882-8)	Any	New	C. W. Gardiner	Springer Verlag			

Course	Title	Edition	New?	Author	Publisher	Estimated Enrollments Fall	Spring	Summer
59800 CRN 54988 Prof. Shahidi	A First Course in Modular Forms ISBN 0-387-23229-X	2005	New	F. Diamond and Jerry Shurman	Springer Verlag		20	
61100	Foundations of Modern Analysis ISBN 0-486-64062-0		New	Avner Friedman	Dover		20	
61500	The Mathematical Theory of Finite Element Methods ISBN 0-387-95451-1, 978-0-387-95451-6	2nd	New	Brenner and Scott	Springer Verlag		20	
64300	Elliptic Partial Differential Equations of Second Order ISSN 1431-0821, ISBN 3-540-41160-7	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	
66400	Algebraic Geometry for Scientists and Engineers ISBN 0-8218-1535-0			Shreeram S. Abhyankar	American Mathematical Society		20	
	Resolution of Singularities and Embedded Algebraic Surfaces ISBN 3-540-63719-2			Shreeram S. Abhyankar	Springer Verlag			
69000 CRN 22204 Prof. Takeda	Fourier Analysis on Number Fields (GTM 186) ISBN 0387984364	latest	New	Dinakar Ramakrishana and Robert J. Valenza	Springer Verlag		20	
69000 CRN 22210 Prof. Yu	No Text Used						20	
69200 CRN 52831 Prof. de Hoop	No text used						20	
69200 CRN 22211 Prof. Xia	Notes						20	
69300 CRN 52833 Prof. de Branges	No text used						20	
69300 CRN 52834 Prof. N. Garofalo	No text used						20	
69400 CRN 34103 Prof. Baudoin	An Introduction to the Geometry of Stochastic Flows (RECOMMENDED)	2004	New	F. Baudoin	Imperial College Press		20	
69600 CRN 34038 Prof. Yeung	No text used						20	