

Course	Title	Edition	New?	Author	Publisher
13700	MATH 13700 Mathematics for Elementary Teachers I, Purdue University Custom Edition, Reconceptualizing Mathematics (ISBN 1-4292-8988-0)		No	Sowder, Sowder, and Nickerson	Freeman
13800	MATH 13800 Mathematics for Elementary Teachers II, Purdue University Custom Edition, Reconceptualizing Mathematics (ISBN 978-1-4641-0182-3)		No	Sowder, Sowder, and Nickerson	Freeman
13900	MATH 13900 Mathematics for Elementary Teachers III, Purdue University Custom Edition, Reconceptualizing Mathematics		Yes	Sowder, Sowder, and Nickerson	Freeman
15300	Algebra and Trigonometry with Analytic Geometry (Custom with Enhanced Webassign Homework Card, ISBN 9781133904564)	Classic 12th	No	Swokowski and Cole	Brooks Cole
15300 (online)	Algebra and Trigonometry with Analytic Geometry (Custom with Enhanced Webassign Homework Card, ISBN 9781133904564)	Classic 12th	No	Swokowski and Cole	Brooks Cole
15400	Algebra and Trigonometry with Analytic Geometry (Custom with Enhanced Webassign Homework Card, ISBN 9781133904564)	Classic 12th	No	Swokowski and Cole	Brooks Cole
15400 (online)	Algebra and Trigonometry with Analytic Geometry (Custom with Enhanced Webassign Homework Card, ISBN 9781133904564)	Classic 12th	No	Swokowski and Cole	Brooks Cole
15800	Algebra and Trigonometry with Analytic Geometry (Custom with Enhanced Webassign Homework Card, ISBN 9781133904564)	Classic 12th	No	Swokowski and Cole	Brooks Cole
16100	Calculus - Early Transcendentals 7th EDITION (Purdue Univeristy Edition with 3-term EWA Card ISBN 1-133-16646-6)	7th	No	Stewart	Brooks Cole
16200	Calculus - Early Transcendentals 7th EDITION (Purdue Univeristy Edition with 3-term EWA Card ISBN 1-133-16646-6)	7th	No	Stewart	Brooks Cole
16500	Calculus - Early Transcendentals 7th EDITION (Purdue Univeristy Edition with 3-term EWA Card ISBN 1-133-16646-6)	7th	No	Stewart	Brooks Cole
17000	Notes				
17300	Thomas Calculus, Early Transcendentals ISBN 0-321-58876-2, 978-0-321-58876-0	12th	Same	Weir and Haas	Addison Wesley
18100	Thomas Calculus, Early Transcendentals ISBN 0-321-58876-2, 978-0-321-58876-0	12th	Same	Weir and Haas	Addison Wesley
22000	Introduction to Calculus Purdue Custom Edition - Package: 1256782289, Book: 1256808652, Stand alone MML w/e-text access card: 1256783250		Yes		Pearson
22100	Technical Calculus with Analytic Geomety ISBN 0-495-01876-7, 978-0-495-01876-6	4th	No	Kuhfittig	Brooks Cole
22200	Technical Calculus with Analytic Geomety ISBN 0-495-01876-7, 978-0-495-01876-7	4th	No	Kuhfittig	Brooks Cole
22300	ISBN# 9780077928445 Applied Calculus for Business, Economics, and the Social and Life Sciences, Expanded Edition, 11th 2013 with Connect+ homework, ISBN# 9780077427528 Alternate eText with Connect Online Homework	11th	Yes	Hoffman/Bradley	McGraw Hill
22400	Applied Calculus for Business, Economics, and the Social and Life Sciences (Selected chapters from 9/10 edition for PurdueUniveristy), EXPANDED 10/e and MathZone student accesscode ISBN 0077485831	10th	No	Hoffman/Bradley	McGraw Hill
23100	Calculus for the Life Sciences (ISBN 1-256-78352-8)		No	Bittinger, Brand, and Quintanilla	Addison Wesley
23200	Calculus for the Life Sciences (ISBN 1-256-78352-8)		No	Bittinger, Brand, and Quintanilla	Addison Wesley
25000	ACTEX P/1 Study Manual, 2012 Edition ISBN: 978-1-56698-894-0	2012	Yes	Broverman	ACTEX
26100	Calculus - Early Transcendentals 7th EDITION (Purdue Univeristy Edition with 3-term EWA Card ISBN 1-133-16646-6)	7th	Yes	Stewart	Brooks Cole
26200	An Introduction to Differential Equations and Linear Algebra ISBN 0-13-045794-9, 978-0-13-045794-3	3rd	No	Goode	Prentice Hall
26500	Elementary Linear Algebra with Applications and Labs PKG Purdue, includes Web Assign (ISBN: 0-558-689698)	9th	No	Kolman and Hill	Prentice Hall

26600	Elementary Differential Equations and Boundary Value Problems (Binder Ready with Wiley Plus, ISBN 978-9-470-40421-8)	9th	No	Boyce and DiPrima	Wiley
27100	Thomas Calculus, Early Transcendentals ISBN 0-321-58876-2, 978-0-321-58876-0	12th	Same	Weir and Haas	Addison Wesley
30300	Elementary Differential Equations and Boundary Value Problems (Binder Ready with Wiley Plus, ISBN 978-9-470-40421-8)	9th	No	Boyce and DiPrima	Wiley
30400	Elementary Differential Equations and Boundary Value Problems (Binder Ready with Wiley Plus, ISBN 978-9-470-40421-8)	9th	No	Boyce and DiPrima	Wiley
34100 (Bauman)	Introduction to Real Analysis	4th	No	Bartle & Sherbert	Wiley
35100	Linear algebra with applications, ISBN 978-0-13-600926-9	4th	No	Bretscher	Prentice Hall
35300	Linear Algebra ISBN 0-13-008451-4	4th	No	Friedbert, Insel, and Spence	Prentice Hall
36200	Vector Calculus	6 <sup>th</sup>	No	Marsden and Troumba	Freeman
36600	Elementary Differential Equations and Boundary Value Problems (Binder Ready with Wiley Plus, ISBN 978-9-470-40421-8)	9th	No	Boyce and DiPrima	Wiley
37300	Mathematical Interest Theory ISBN 978-0-88385-754-0	2 <sup>nd</sup>	No	Daniel and Vaaler	MAA
	Derivative Markets ISBN 0-321-28030-X	2 <sup>nd</sup>	No	McDonald	Addison Wesley
37500	Discrete Mathematics and Its Applications (978-0073383095)	7 <sup>th</sup>	No	Rosen	McGraw Hill
42500	Fundamentals of Complex Analysis for Mathematics, Sciences and Engineering	3rd	No	Saff and Snider	Prentice Hall
44000	The Elements of Real Analysis (paperback) ISBN 0-471-05464-X	2nd	No	Bartle	Wiley
45000	Contemporary Abstract Algebra	8 <sup>th</sup>	Yes	Gallian	Houghton Mifflin
45300 (Walther)	Contemporary Abstract Algebra	7 <sup>th</sup>	No	Gallian	Houghton Mifflin
46000	The Elements, Volume I ISBN ISBN 0-486-60088-ISBN 0-486-60088-8		No	Euclid	Dover
48100	None				
48400	None				
50300	Elements of Abstract Algebra			Clark	Dover
50400	Principles of Mathematical Analysis	3 <sup>rd</sup>	No	Rudin	McGraw Hill
51000	Vector Calculus	6 <sup>th</sup>	No	Marsden and Troumba	Freeman
51100	Linear Algebra ISBN 0-03-010567-6, 978-0-03-010567-8	4th	No	Strang	Brooks Cole
51600	Arbitrage theory in continuous time (RECOMMENDED)	3rd		Bjork	Oxford
	Introduction to Stochastic Calculus Applied to Finance (RECOMMENDED)			Lamberton and Lapeyre	
	The Mathematics of Financial Derivative: A Student Introduction (RECOMMENDED)			Wilmott	Cambridge
	Implementing Derivative Models (RECOMMENDED)			Clewlow and Strickland	Wiley and Sons
51900	A First Course in Probability	8th		Ross	
52300	None				
52700	Advanced Engineering Mathematics (Purdue soft cover and WileyPLUS) ISBN 978-1-118-13970-7	10th	No	Kreyszig	Wiley
54400	Recommended for Background: Principles of Analysis (Rudin), Elements of Real Analysis (Bartle), Real Analysis with Real Applications (Davidson-Donsig). Recommended for New Material: Real and Complex Analysis (Rudin), Real Variables (Torchinsky), Real Analysis (Royden), Measure and Integral (Wheeden and Zygmund)				
54600	Functional Analysis			Reed and Simon	Academic Press
	Spectral theory and differential operators			Davies	Cambridge
55300	Abstract Algebra	3 <sup>rd</sup>	No	Dummit and Foote	Wiley
55400	Linear Algebra ISBN 0135367972			Hoffman and Kunze	Prentice Hall
	Algebra I (Chapters 1-3) (RECOMMENDED) ISBN 3540642439			Bourbaki	Springer

	Algebra II (Chapters 4-7) (RECOMMENDED) ISBN 9783540007067			Bourbaki	Springer
55700	Algebraic Geometry for Scientists and Engineers			Abhyankar	AMS
	Lectures on Algebra Volume I			Abhyankar	World Scientific
56200	Differential Topology (RECOMMENDED Main Text)			Guillemin	Prentice Hall
	Calculus on Manifolds: A Modern Approach to Classical Theorems of Advanced Calculus (RECOMMENDED Main Text)			Spivak	Westview Press
	Introduction to Smooth Manifolds (RECOMMENDED Complete Reference)			Lee	Springer
	Topology from the Differentiable Viewpoint (RECOMMENDED Supplemental Text)			Milner	Princeton
57100	Topology (ISBN 0-13-18162920)	2 <sup>nd</sup>	No	Munkres	Prentice Hall
59800 Cai	None				
59800 Matsuki	Algebraic Geometry			Hartshorne	Springer
	Geometry of Algebraic Curves Volume I			Arbarello	
59800 Baudoin	TBD				
59800 Gabrielov	Tame topology and o-minimal structures			van den Dries	Cambridge
59800 Stefanov	TBD				
59800 De Hoop	TBD				
59800 Shahidi	Representation Theory of Semisimple Groups			Knapp	Princeton
64200	Elliptic Partial Differential Equations of Second Order	2nd		D. Gilbarg and N. S. Trudinger,	
68400					
69000	TBD				
69200 Feng					
69200 Li					
69200 Xia					
69200 Shen					
69300 Garofalo					
69600 Yeung					