

Fall 2009 Textbooks for Actuarial Science and Mathematics

UST Bookstore Course Materials:

<http://tommiebooks.stthomas.edu/TOMMIEBOOKS1/SelectTermDept.aspx>

UST Course Listings:

<http://www.stthomas.edu/classes/>

Department Directory and Instructor Assignments:

<http://www.stthomas.edu/mathematics/contact/>

Course #	Course Name	Author	Title	Edition	Publisher	new	WebAssign*
ACSC 320	Mathematical Finance	Vaughan	Fundamentals of Risk & Insurance	10th	Wiley		
ACSC 351	Risk Management & Insurance	Bowers	Actuarial Mathematics	2nd	SOA		
ACSC 464	Foundations:Actuarial Math	McDonald	Derivatives Markets with CD	2nd	Pearson	F09	
MATH 005	Basic Math Skills	Kaufman	Algebra for College Students with 1 semester of Enhanced WA	8th	Cengage	F09	yes
MATH 100	Mathematical Sampler	Tannenbaum	Excursions in Modern Mathematics	7th	Pearson	F09	
MATH 101	Finite Mathematics	Tan	Finite Mathematics	9th	Cengage		yes
MATH 108	Calculus with Review I	Larson	Calculus I with Precalculus	2nd	Cengage		yes
MATH 109	Calculus with Review II	Larson	Calculus I with Precalculus	2nd	Cengage		
MATH 111	Calculus/Business & Soc Sci	Bittinger	Calculus and Its Applications	9th	Pearson		
MATH 113	Calculus I	Stewart*	Calculus, Early Transcendentals, Single Variable - Vol. I	6th	Cengage		yes
MATH 113B	Calculus I for the Biological Sciences	Neuhauser	Calculus for Biology and Medicine	2nd	Pearson		
MATH 114	Calculus II	Stewart	Calculus, Early Transcendentals, Single Variable Vol. II	6th	Cengage		yes
MATH 121	Structures of Elem Math	Bassarear	Mathematics for Elementary School Teachers with Exploration manual	4th	Cengage		
MATH 200	Multi-Variable Calculus	Stewart*	Calculus, Early Transcendentals, Multivariable	6th	Cengage		instructor's choice
MATH 210	Intro-Differ Equations & Syst	Edwards	Differential equations and Linear Algebra	3rd	Pearson	F09	
MATH 240	Linear Algebra	Olver	Applied Linear Algebra	1st	Pearson	F09	
MATH 301	Abstract Algebra I	Gallian	Contemporary Abstract Algebra	7th	Cengage	F09	
MATH 303	Statistics/Applied Sciences	Johnson	Miller & Freund's Probability and Statistics for Engineers with CD	7th	Pearson		
MATH 314	Mathematical Statistics	Rice	Mathematical Statistics and Data Analysis with CD	3rd	Cengage		
MATH 315	Applied Math & Modeling I	Burden	Numerical Analysis	8th	Cengage		
MATH 317	Real Analysis	Gaughan	Introduction to Analysis	5th	AMS	F09	
MATH 450	Adv Math:Explor & Exposition	Tucker Singh	Applied Combinatorics Fermat's Enigma	5th 1997	Wiley Random		

***Notes on the Stewart texts for Calculus courses, Math 113, 114, 200**

If you're planning on taking only Math 113, purchase Vol. I (chapters 1-6)

If you're planning on taking only Math 114, purchase Vol. II (chapters 5-12)

If you're planning on taking only Math 200, purchase Multivariable volume (chapters 11-17)

If you're planning on taking Math 113 and 114, purchase the combined volume I and II (chapters 1-11)

If you're planning on taking Math 113, 114, and 200, purchase the big book (chapters 1-17)

***Notes on WebAssign**

WebAssign access codes may be obtained:

1) with a new text, which includes a card

2) <http://webassign.net/info/students.html>

3) at the UST Bookstore