

MONTGOMERY COLLEGE
 Department of Mathematics
 Rockville Campus
Textbooks and Supplemental Materials Listing for Faculty and Students
Fall 2009

Department Course	Math Course Name	Sections	Book Title/Author
MA 090/ 090A	Prealgebra	All	<u>Prealgebra with Math XL and study pack.</u> , 5th ed., 2008, by Martin-Gay; Pearson/Prentice Hall.
MA 091/ 091A	Elementary Algebra	All Except: 21627, 20722, 20720, 20714	<u>Introductory Algebra</u> , 3rd ed., by Martin-Gay; Pearson/Prentice Hall Publishing Co. <u>Elementary Algebra with Math XL</u> , 2008, by Lehmann, Pearson/Prentice Hall Publishing Co.
MA 095	Essentials of Geometry	All	<u>Elementary Geometry for College Students</u> , 4 th ed., by Alexander; Cengage/Houghton Mifflin.
MA 101	Intermediate Algebra	All	<u>Intermediate Algebra, Functions and Authentic Applications</u> , with Math XL, 3rd ed., by Lehmann; Pearson/Prentice Hall.

Department Course	Math Course Name	Sections	Book Title/Author
MA 103	Intermediate Algebra	All	<u>Intermediate Algebra Graphs & Models</u> , with Math XL, 2007, Bittinger, Ellenbogen & Johnson; Pearson Custom Publishing.
MA 105	Introduction to Trigonometry	All	<u>Trigonometry Update</u> , 1993, by Bittinger/Beecher; Pearson/Addison Wesley Publishing Co.
MA 110	Survey of College Math	All	<u>Finite Mathematics For Business, Economics, Life Sciences, and Social Sciences</u> with Math XL, 11 th ed., by Barnett, Ziegler and Byleen; Pearson/Prentice Hall Publishers.
MA 113	Introduction to Probability	All	<u>Elementary Probability w/Applications</u> , 2005, by Larry Rabinowitz; AK Peters, Ltd.
MA115	Mathematical Ideas	All	<u>Excursions In Modern Mathematics with Mini Excusions</u> , 7 th ed., by Tannenbaum; Pearson/Prentice Hall.
MA115A	Mathematical Ideas	All	<u>Mathematical Thinking and Quantitative Reasoning</u> , 1 st ed., by Aufman; Houghton Mifflin Publishing Co.
MA 116	Elements of Statistics	All Except: 22520, 20763, 20764, 21696, 20762, 23263	<u>Understandable Statistics w/ Solutions Manual</u> , – 9 th ed., Brase/Brase; Houghton Mifflin Pub. Co. <u>Basic Practice of Statistics & Stats Portal</u> , 5 th ed., Moore, Freeman Publishing Co.

Department Course	Math Course Name	Sections	Book Title/Author
MA 130	Elements of Mathematics, I	All	<u>Mathematics for Elementary Teachers: An Interactive Approach w/Solutions Manual</u> , 4 th ed., by Sonnabend; HBC/Saunders College Publishing.
MA 131	Elements of Mathematics, II	All	<u>Mathematics for Elementary Teachers: An Interactive Approach</u> , 3 rd ed., 2004, by Sonnabend; HBC/Saunders College Publishing.
MA 132	Elements of Mathematics, III	All	<u>Mathematics for Elementary Teachers: An Interactive Approach</u> , 3 rd ed., 2004, by Sonnabend; HBC/Saunders College Publishing. <u>Crossing the River with Dogs</u> , 2004, by Johnson, Herr & Kysh; Key College Publishing.
MA 160/161	Calculus I & II	All	<u>Calculus and Its Applications</u> with Study Pack and Math XL, 9 th ed., by Bittinger; Pearson/ Prentice Hall.
MA 180	Precalculus	All	<u>Precalculus Enhanced with Graphing Utilities</u> with Math XL, 5th ed, by Sullivan and Sullivan; Pearson Custom Publishing.
MA 181	Calculus I	All	<u>Calculus: Concepts and Contexts, Single Variable</u> bundled w/EWA, 4 th ed., 2008, by Stewart; Cengage, Brooks/Cole.

Department Course	Math Course Name	Sections	Book Title/Author
MA 182	Calculus II	All	<u>Calculus: Concepts and Contexts, Single Variable</u> , 3rd ed., 2007, by Stewart; Cengage, Brooks/Cole.
MA 280	Multivariable Calculus	All	<u>Multivariable Calculus: Concepts and Contexts</u> , 3rd ed., by Stewart; Cengage, Brooks/Cole.
MA 282	Differential Equations	All	<u>Differential Equations</u> , 3 rd ed., by Blanchard, Devaney, Hall; Cengage, Brooks/Cole.
MA 284	Linear Algebra	All	<u>Linear Algebra and Its Applications</u> , 3 rd ed., by Lay; Pearson/Addison Wesley.