

# MATHEMATICS DEPARTMENT

## WINTER 2010

### BOOK LIST BY COURSE NUMBER

COURSE #	COURSE NAME	BOOK TITLE
MAT 101	Elementary Algebra	<b>BEGINNING &amp; INTERMEDIATE ALGEBRA</b> 4th Edition; Lial/Hornsby/McGinnis Addison-Wesley Publishing STUDENTS SOLUTIONS MANUAL (OPTIONAL)
MAT 102	Intermediate Algebra	<b>BEGINNING &amp; INTERMEDIATE ALGEBRA</b> 4th Edition; Lial/Hornsby/McGinnis Addison-Wesley Publishing STUDENTS SOLUTIONS MANUAL (OPTIONAL)
MAT 105	Business Math	<b>BUSINESS MATHEMATICS</b> , 11th Edition Miller/Salzman/Clendenen Addison Wesley Publishing
MAT 106	Allied Health Math	<b>MATHEMATICS FOR HEALTH OCCUPATIONS</b> , Bila/Bottoriff/Merritt/Ross; Instructional Technologies Publishing Company
MAT 108	Mathematics & the Modern World	<b>MATH AND THE MODERN WORLD</b> <b>SINCLAIR COMMUNITY COLLEGE – MATH 108</b> Parks/Musser/Trimpe/Mauerer/Mauerer Cengage Learning
MAT 109	Nursing Mathematics	<b>CALCULATE WITH CONFIDENCE</b> 4th Edition; by Deborah Gray Morris Mosby Publishing <b>LEARNING RESOURCE PACKET</b> Gebhart, Myers, and Carruth

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MAT 116	College Algebra (Traditional)	<b>COLLEGE ALGEBRA</b> , 6th Edition Aufmann/Barker/Nation Brooks/Cole Cengage Learning STUDENT SOLUTION MANUAL (OPTIONAL) GRAPHING WORKBOOK (OPTIONAL)
MAT 116	College Algebra (Graphing Calculator)	<b>COLLEGE ALGEBRA--Graphs &amp; Models</b> 4th Edition Bittinger/Beecher/Ellenbogen/Penna Addison Wesley Publishing GRAPHING CALCULATOR MANUAL (Purchased with Textbook) STUDENT SOLUTION MANUAL (OPTIONAL)
MAT 117	Trigonometry	<b>TRIGONOMETRY</b> , 9th Edition Lial/Hornsby/Schneider Addison-Wesley Publishing Company
MAT 121	Math for Business Analysis	<b>FINITE MATHEMATICS FOR BUSINESS, ECONOMICS, LIFE SCIENCES, AND SOCIAL SCIENCES</b> , 11th Edition; Barnett/Ziegler/Byleen Prentice Hall Publishing Company STUDY GUIDE (OPTIONAL)
MAT 122	Statistics I	<b>STATISTICS I</b> <b>SINCLAIR COMMUNITY COLLEGE – Math 122</b> (Customed published from <u>STATISTICS FOR BUSINESS AND ECONOMICS</u> , 10 <sup>th</sup> ) Anderson/Sweeney/Williams Cengage Learning
MAT 131	Technical Mathematics I	<b>BASIC TECHNICAL MATHEMATICS WITH CALCULUS</b> , 9th Edition Washington Addison-Wesley Publishing Company STUDENT SOLUTIONS MANUAL (OPTIONAL)
MAT 132	Technical Mathematics II	<b>BASIC TECHNICAL MATHEMATICS WITH CALCULUS</b> , 9th Edition Washington Addison-Wesley Publishing Company STUDENT SOLUTIONS MANUAL (OPTIONAL)

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MAT 133	Technical Mathematics III	<b>BASIC TECHNICAL MATHEMATICS WITH CALCULUS</b> , 9th Edition Washington Addison-Wesley Publishing Company STUDENT SOLUTIONS MANUAL (OPTIONAL)
MAT 141	Numerical Concepts for Teachers	<b>A PROBLEM SOLVING APPROACH TO MATHEMATICS FOR ELEMENTARY SCHOOL TEACHERS</b> , 9th Edition Billstein/Libeskind/Lott Addison-Wesley Publishing Company
MAT 142	Algebra and Data Analysis for Teachers	<b>A PROBLEM SOLVING APPROACH TO MATHEMATICS FOR ELEMENTARY SCHOOL TEACHERS</b> , 9th Edition Billstein/Libeskind/Lott Addison-Wesley Publishing Company
MAT 143	Geometry and Measurement for Teachers	<b>A PROBLEM SOLVING APPROACH TO MATHEMATICS FOR ELEMENTARY SCHOOL TEACHERS</b> , 9th Edition Billstein/Libeskind/Lott Addison-Wesley Publishing Company
MAT 191	Pre-College Algebra I	<b>BEGINNING &amp; INTERMEDIATE ALGEBRA</b> 4th Edition; Lial/Hornsby/McGinnis Addison-Wesley Publishing STUDENTS SOLUTIONS MANUAL (OPTIONAL)
MAT 192	Pre-College Algebra II	<b>BEGINNING &amp; INTERMEDIATE ALGEBRA</b> 4th Edition; Lial/Hornsby/McGinnis Addison-Wesley Publishing STUDENTS SOLUTIONS MANUAL (OPTIONAL)

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MAT 193	Pre-College Algebra III	<b>MATH 101/MATH 102 BEGINNING &amp; INTERMEDIATE ALGEBRA</b> 4 <sup>th</sup> Edition; Lial/Hornsby/McGinnis Pearson Custom Publishing STUDENTS SOLUTIONS MANUAL (OPTIONAL)
MAT 201	Calculus I	<b>CALCULUS</b> , 9th Edition Larson/Edwards Brooks/Cole Cengage Learning
MAT 202	Calculus II	<b>CALCULUS</b> , 9th Edition Larson/Edwards Brooks/Cole Cengage Learning
MAT 203	Calculus III	<b>CALCULUS</b> , 8th Edition Larson/Hostetler/Edwards Houghton Mifflin Company
MAT 204	Calculus IV	<b>CALCULUS</b> , 8th Edition Larson/Hostetler/Edwards Houghton Mifflin Company
MAT 215	Differential Equations	<b>A FIRST COURSE IN DIFFERENTIAL EQUATIONS WITH MODELING APPLICAITONS</b> , 9th Edition Dennis Zill Brooks/Cole Cengage Learning
MAT 216	Elements of Linear Algebra	<b>LINEAR ALGEBRA WITH APPLICATIONS</b> 6th Edition; Gareth Williams Wm. C. Brown Publishers
MAT 218	Calculus for Business	<b>BRIEF EDITION OF CALCULUS FOR BUSINESS, ECONOMICS, AND THE SOCIAL AND LIFE SCIENCES</b> , 10th Edition Hoffmann/Bradley McGraw Hill Publishing STUDY GUIDE (OPTIONAL)
MAT 220	Statistics II	<b>STATISTICS II</b> <b>SINCLAIR COMMUNITY COLLEGE – Math 220</b> (Customed published from <u>STATISTICS FOR BUSINESS AND ECONOMICS</u> , 10th ) Anderson/Sweeney/Williams Cengage Learning