

**SYLLABUS  
MATH -137  
INTERMEDIATE ALGEBRA  
3 credits**

**Instructor: Elisa Santee (860)455-0739**

**COURSE CONTENT:** The topics included are linear equations, functions, applications of systems of equations, inequalities, rational expressions and equations, operations on radicals and rational exponents, quadratic equations, exponential and logarithmic functions.

**Prerequisite:** Acceptable placement score or Math 095.

**RATIONALE:**

A basic understanding of algebra is necessary for many fields of study including business, science, economics and mathematics. Algebraic skills are an essential tool needed to comprehend future mathematics courses such as Statistics, Calculus and/or College Algebra and Trigonometry. Since mathematical problems are not limited to mathematics courses, the skills of Intermediate Algebra improve the student's ability to comprehend his/her environment as well as other college courses.

**REQUIRED TEXT and MATERIALS:**

Intermediate Algebra-A Graphing Approach, Fourth Edition,

Elayn Martin-Gay; Margaret Greene

Graphing Calculator; Notebook for notes/quizzes; writing implement

**GRADING POLICY:**

There will be exams and quizzes. You are **REQUIRED** to take **ALL EXAMS**. There are no **MAKE-UPS** on exams. If you miss an exam, you will receive a grade of **ZERO**. If you cannot be in class the day of the exam, you must call me prior to class time, so accommodations can be made for a make-up exam.

There will be 6-7 take home quizzes. Your highest 4 scores will be averaged to make one test grade. Quizzes are an indicator for both the student and me, to see if the material is being learned. A poor grade on a quiz should indicate to you that further study is required before the next exam.

Your course grade will be the arithmetic average of your exam grades and averaged quiz grades.

**GRADE EQUIVALENTS;**

A 93-100	B+ 87-89	C+ 77-79	D+ 67-69
A- 90-92	B 83-86	C 73-76	D 60-66
	B- 80-82	C- 70-72	F Below 60

**DISABILITIES STATEMENT:**

If you have a hidden or visible disability which may require classroom or test-taking modifications, please see me as soon as possible. If you have not already done so please be sure to register with Chris Scarborough who is coordinating services to students with disabilities.

MATH 137  
Elisa Santee 860-455-0739  
Summer, 2010

**REMINDER;** this is a 3 credit course. Your grade for this course will be used when calculating your grade point average.

**Homework:** Homework is assigned at each class period. It is a tool for the student to reinforce their understanding of the material presented in class. Homework is reviewed at the following class. Therefore, homework is a viable way for students to assess their progress and should alert them to areas of academic difficulty.

DATE:	TOPIC:
June 7, 2010	Chapter 1
June 9	Chapter 2
June 14	Chapter 2
June 16	Trig Handout
June 21	Chapter 3
June 23	<b>EXAM Chapters 1, 2 and Trig</b> and lecture on chapter 4
June 28	Chapter 4
June 30	Chapter 5
July 5	Chapter 5
July 7	<b>EXAM Chapters 3, 4</b> and lecture on Chapter 6
July 12	Chapter 6
July 14	Chapter 7
July 19	Chapter 8
July 20	<b>EXAM Chapters 5, 6</b> and lecture on Chapter 9
July 26	Chapter 9
July 28	<b>EXAM Chapters 7, 8, 9</b>