

# MAT 1033 – INTERMEDIATE ALGEBRA

Spring 2007-2

Tuesday/Thursday 8:25-9:40

## INSTRUCTOR INFORMATION:

Professor: Dr. Linda Burton  
Phone: (305) 237-5072 work  
(305) 233-9892 home  
Office #: B120

## COURSE MATERIALS

<b>TEXTBOOK</b>	<b>Elementary Algebra – Carson 2<sup>nd</sup> Edition</b> (Addison Wesley Publishing) Your textbook is an excellent resource, make use of it. Read the sections assigned in the syllabus before we meet in class.
<b>MYMATHLAB</b>	ALL students <b>MUST</b> register for MYMATHLAB. Register in the Learning Support Lab, Computer Courtyard, or at home. Instructions are available in class. MYMATHLAB is an on-line software package including <ol style="list-style-type: none"><li>1. Information from your professor</li><li>2. Your textbook with interactive activities</li><li>3. Tutorial program with video, practice exercises, tests, etc</li></ol>
<b>GRAPHING CALCULATOR</b>	You will need a <b>Texas Instruments TI-82, 83, 84 Graphics Calculator</b> or another graphics calculator for the course. We will use the calculator every time we meet in class and during every test. If you choose to use a different graphics calculator from the TI-82 or 83, please be aware that you will have to learn how to use it on your own.
<b>STUDENT SUPPORT</b>	
<b>LEARNING SUPPORT LAB</b>	The Learning Support Lab is located on the second floor of building "D".(D203) <b>Math tutors</b> available to provide help with your assignments. <b>Videotapes</b> accompanying the text are available for viewing at the lab (and in the Library for overnight checkout). <b>MyMathLab Software</b> accompanying the text is available on the computer network.  The Learning Support Lab hours for the semester are: Monday – Thursday: Friday: Saturday:
<b>STUDENT GROUPS</b>	I encourage you to meet with other students from the class as a group to study, do homework or watch videotapes together. Help each other to succeed!!!

## CLASS PROCEDURES

### ATTENDANCE

You must attend all class meetings. Do not arrive tardy or leave early.

### HOMEWORK

**MML Written Assignments** should be done REGULARLY. They MUST be handed in on Test Day.

**Practice Tests** must be done on a *separate sheet* and handed in Test Day. These two written assignments will count 10% of your Final Grade.

**MML Computer Assignments** should be done REGULARLY and MUST be completed by Test Day. They count 10% of your Final Grade.

## GRADING PROCEDURES

### TESTS AND EXAMS

There are six tests. The average of the six tests will count 60% of your Final Grade. There is a Final Exam which counts 20% of your Final Grade.

There will be **NO MAKEUPS** for any test or exam. If an emergency prevents you from taking a test at the scheduled date, make sure to contact me immediately in order to make arrangements to take the test before I give it back to the class. Once I return the graded examinations to the class, no one will be allowed to take the test and a zero will be assigned.

### HOMEWORK

All written assignments will be handed in on the Test Date. They will count as 10% of your final grade. All MML assignments are to be completed by the Test Date. They will count 10% of your final grade.

### GRADING SCALE

Each average will be rounded to the nearest whole number and a letter grade will be awarded according to the following scale:

A	-	90% to 100%
B	-	80% to 89%
C	-	70% to 79%
D	-	60% to 69%
F	-	59% or less

### FINAL GRADE:

Tests	60%
Final Exam	20%
<b>Written HW (Practice Test/MML)</b>	<b>10%</b>
<b>MYMATHLAB on Computer</b>	<b>10%</b>
Final Grade:	100%

**MAT 1033**  
**Spring Semester 2007-2**

<b>Date</b>	<b>Section</b>	<b>Topic</b>
1/8		Introduction - Graphing
1/10	4.4	Slope-Intercept Form
1/15	4.5	Point-Slope Form
1/17	4.6	Graphing Linear Inequalities
1/22		Review for Test 1
1/24		<b>TEST 1</b>
1/29	4.7	Introduction to Functions
1/31	8.2, 8.3	Solving Systems of Equations by Substitution and by Elimination
2/5		Review for Test 2
2/7		<b>TEST 2</b>
2/12	7.2	Multiplying and Dividing Rational Expressions
2/14	7.3, 7.4	Adding and Subtracting Rational Expressions
2/19	7.6	Solving Equations with Rational Expressions
2/21		Review for Test 3
2/26		<b>TEST 3</b>
2/28	7.7	Applications with Rational Expressions - Variation
3/4	9.2, 9.3	Multiply, Divide, Simplify Square Roots
3/6		<b>No Class</b>
3/11		Review for Test 4
3/13		<b>TEST 4</b>
3/18	9.4	Add, Subtract Square Roots
3/20	9.5	Solve Radical Equations
3/25	9.6	Higher Roots and Rational Exponents
3/27		Review for Test 5
4/1		<b>TEST 5</b>
4/3	10.4	Complex Numbers
4/8	6.6	Solving Quadratic Equations by Factoring
4/10	10.1	Solving Quadratic Equations using the Square Root Method
4/15	10.3	Solving Quadratic Equations using the Quadratic Formula
4/17		Review for Test 6
4/22		<b>TEST 6</b>
4/24		Review for Final Exam
		<b>FINAL EXAM</b>