

THE MATH EXPRESS

MAC 1105 - College Algebra

Spring 2007-2

Monday/Tuesday/Wednesday/Thursday 12:40 – 1:55

INSTRUCTOR INFORMATION:

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

COURSE MATERIALS	
TEXTBOOKS	College Algebra – Lial, Hornsby, Schneider - Ninth Edition (Addison Wesley Publishing)
MYMATHLAB	ALL students MUST 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">1. Information from your professor2. Your textbook with interactive activities3. Tutorial program with video, practice exercises, tests, etc
GRAPHING CALCULATOR	You will need a Texas Instruments TI-82, 83, or 84Graphics Calculator 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, please be aware that you will have to learn how to use it on your own.
STUDENT SUPPORT	
LEARNING SUPPORT LAB	The Learning Support Lab is located on the second floor of building "D".(D203) Math tutors available to provide help with your assignments. MyMathLab Computer software accompanying the text is available on all computers at MDC.
STUDENT GROUPS	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	<p>MML Written Assignments should be done REGULARLY. They must be handed in on Test Day.</p> <p>Practice Tests must be done on a <i>separate sheet</i> and handed in on Test Day. These two written assignments will count 10% of your Final Grade.</p> <p>MYMATHLAB Computer Assignments should be done REGULARLY and must be completed by Test Day. They will count 10% of your Final Grade.</p>

GRADING PROCEDURES

TESTS AND EXAMS

There are seven tests for each course. The average of the seven tests will count 60% of your Final Grade. There is a final cumulative exam for each course. This exam 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 count 10% of your Final Grade. All MML assignments are to be completed by the Test Date. They 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%
Written HW (Practice Tests/MML)	10%
MYMATHLAB on computer	10%
Final Grade:	100%

MAC 1105 Express
MTWR 12:40-1:55
Spring Semester 2007-2

Date	Section	Topic
1/8 T	1.6	Introduction, Solving Quadratic Form Equations
1/9 W	1.6/ 1.7	Quadratic Equations/ Inequalities
1/10 R	1.7	Fractional Inequalities
1/14 M		Review
1/15 T		TEST 1 (1.6, 1.7) 1.8 Absolute Value Equations
1/16 W	1.8	Absolute Value Inequalities
1/17 R	2.2	Functions
1/22 T	2.4	Equations of Lines: Curve Fitting
1/23 W		Review
1/24 R		TEST 2 (1.8, 2.2) 2.7 Function Operations
1/28 M	2.7	Function Composition
1/29 T	3.1	Quadratic Functions
1/30 W		Review
1/31 R		TEST 3 (2.7, 3.1) 3.6 Variation
2/4 M	3.6	Variation
2/5 T	4.1	Inverse Functions
2/6 W		Review
2/7 R		TEST 4 (3.6, 4.1) 4.2 Exponential Functions
2/11 M	4.2, 3	Exponential Functions – Logarithmic Functions
2/12 T	4.3	Logarithmic Functions
2/13 W		Review
2/14 R		TEST 5 (4.2, 4.3) 4.4 Evaluating Logs and Change-of-Base Theorem
2/18 M	4.5	Exponential and Logarithmic Equations
2/19 T	4.5	Exponential and Logarithmic Equations
2/20 W		Review
2/21 R		TEST 6 (4.4, 4.5) 5.1 Systems of Equations – Substitution Method
2/25 M	5.1	Systems of Equations – Elimination Method
2/26 T	5.3	Using Determinants to Solving Systems of Three Equations
2/27 W		Review
2/28 R		Test 7 (5.1, 5.3)
3/3 M		Review for Final Exam
3/4 T		FINAL EXAM