Instructor: Jakeisha Thompson

Email: jthompso@mdc.edu
Phone: 305-237-2608
Office: 3245-4

Office Hours

<table>
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<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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<tr>
<td>7:00 AM- 8:00 AM</td>
<td>7:00 AM- 12:00 PM</td>
<td>7:00 AM- 8:00 AM</td>
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Course web page  
http://faculty.mdc.edu/jthompso

Text  
College Algebra by Blitzer 4e

Course prerequisites  
MAT 1033 or equivalent, or appropriate scores on placement test (CPT). Desire to learn College Algebra

Course scope  
MAC 1105 is a college level algebra course whose purpose is to provide students with a foundation in basic mathematics required in the natural and social sciences. In order to complete this course successfully, you must obtain at least a letter grade of C, as outlined in the grading policy below.

Course Objectives  
At the end of the semester, you should be able to:
1. Demonstrate knowledge of absolute value equations and inequalities
2. Demonstrate knowledge of systems of linear equations
3. Demonstrate knowledge of complex numbers
4. Demonstrate knowledge of quadratic equations and functions
5. Demonstrate knowledge of functions from a numerical, graphical, verbal and analytic perspective
6. Demonstrate knowledge of polynomial and rational functions and inequalities

Classroom Decorum  
In order to optimize your learning experience, classroom interruption must be kept to a minimum. Please make every effort to arrive on time and avoid causing an interruption if you need to leave early. Please turn your cell phone and/or pagers to a silent mode and avoid using them during class. In an emergency, you may excuse yourself and leave the classroom.

If the instruction or guest lecturer is late, you are expected to wait 15 minutes before leaving.

Computers Access  
Frequent access to a computer is a requirement for this course. Homework Assignments, Lecture Schedules, Lecture Notes, Handouts, Study Guides, etc. will be available via my faculty webpage. Therefore, you will need to have internet access. Please be aware that the campus courtyard has over 200 computers available for student use.

Email

Note: All dates are tentative. The instructor reserves the right to make changes to this syllabus with notification to the student.
Email is the primary form of communication used for this course. All students should have email addresses registered with the college. Any course announcements, changes, or updates will be sent to the email address on file. If your email address has since changed or you have not registered one, it is your responsibility to update this information via the Student Information System.

All emails sent should include the following information: name, class, and the time that the class meets.

Attendance
Attendance will be taken for all classes. It is your responsibility to attend each lecture and keep records of assignments and other information delivered during class. The instructor reserves the right to drop any student who has excessive absences. It is your responsibility to ensure that you are enrolled in this course in order to receive a final grade.

Academic dishonesty
Any instance of academic dishonesty will result in a grade of F for the course and can carry an even more severe penalty such as suspension or expulsion. *Take pride in your own achievements, an unearned passing grade is not worth the paper it is written on.*

Grading
Final grades will be determined based on retention of points in the following categories:

<table>
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<tr>
<th>Categories</th>
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<tbody>
<tr>
<td>Major Tests</td>
</tr>
<tr>
<td>Error Analysis</td>
</tr>
<tr>
<td>Homework</td>
</tr>
<tr>
<td>Quizzes</td>
</tr>
<tr>
<td>Final Exam (Optional if no tests missed tests)</td>
</tr>
</tbody>
</table>

Major Tests
*In order to take any major test, you must have completed all of assigned homework with a grade of 90% or better via MyMathlab software.* All homework assignments are due by midnight on the day prior to a major exam. Students who fail to meet the homework requirement will receive a zero for that test and will not be allowed to do a make-up.

All tests are closed book and will consist of a total of 100 points each. Make-ups will only be given to those students who miss an exam with a valid excuse, i.e., a medical note or a university-approved excuse. Qualifying students must turn in a valid excuse within two class periods after returning to class to receive Make-Up Approval. *All make-up exams will be given on June 12, 2007.*

Tentative Test Dates
See Lecture Schedule
( [http://faculty.mdc.edu/jthompson](http://faculty.mdc.edu/jthompson) )

Error Analysis

Note: All dates are tentative. The instructor reserves the right to make changes to this syllabus with notification to the student.
An Error Analysis is required for all tests in which student receives a grade less than 90% within 1 week of receiving a graded test (unless otherwise instructed). Grades are assigned as follows:

<table>
<thead>
<tr>
<th>Points</th>
<th>Requirements</th>
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<tbody>
<tr>
<td>10</td>
<td>Assignments that are on time and complete</td>
</tr>
<tr>
<td>0</td>
<td>Assignments that are on time but incomplete</td>
</tr>
<tr>
<td>-5</td>
<td>Assignments that are not turned in</td>
</tr>
</tbody>
</table>

**Quizzes**
Quizzes will be assigned randomly. Each assignment is worth **10-20 points**. Students who miss quizzes will be given a grade of zero. **No make-up quizzes will be given.**

**Final Exam**
The **final exam is comprehensive and worth 100 points**. Final Grades will be given to all students before the week of finals. Those students who are satisfied with their final grade for the course may choose whether or not to take the final. For students who choose to take the final, if your final exam grade is higher than one of your major tests, the lowest test grade will be dropped and your final exam grade will count twice.

**The Final Course Grading scale will be as follows:**

<table>
<thead>
<tr>
<th>Total Percentage of Points</th>
<th>Letter Grade</th>
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<tbody>
<tr>
<td>90% or above</td>
<td>A</td>
</tr>
<tr>
<td>80-89%</td>
<td>B</td>
</tr>
<tr>
<td>70-79%</td>
<td>C</td>
</tr>
<tr>
<td>60-69%</td>
<td>D</td>
</tr>
<tr>
<td>&lt;60%</td>
<td>F</td>
</tr>
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</table>

You may request a grade of **I** (incomplete) only after the last date to drop the course with a W and **only if** you are passing the class at the time the request is made.

**Extra Credit**
Extra Credit is available to all students in the form of Service Learning through peer tutoring sessions. Students may pair up and enter into a Peer Tutoring Agreement. **For each hour of tutoring, both students will receive 1 point.** There is a limit of **25 points** that may be earned for the semester. All necessary forms may be obtained from the course website.

**Calculators**
A **scientific calculator is required** for this course. The minimum level style is a 2-line screen readout, such as the TI-30X IIS or TI-34II. There are many models out there, if you have a question about the suitability of a model, please check with your instructor.

A **graphing calculator** is highly recommended for students continuing on to higher-level mathematics courses. (Business Calculus, Statistics, Pre-Calculus, Trigonometry, Calculus I, II, III ... etc.)

The minimal level graphing calculator in the Texas Instruments family would be the TI-84, TI-83, or TI-86. You might wish to investigate the differing products offered by TI at:

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On the site, check the links "Graphing calculator comparison" and "additional & discontinued calculators" in addition to the links for the most current models. Older models may be sufficient for your class and might be found at a substantially lower price on EBay or similar auction/selling sites.

While Texas Instruments calculators are most widely used in this department, there are other styles you might wish to consider. Other lines of graphing calculators:

- Sharp: http://www.sharpusa.com/products/TypeLanding/0,1056,15,00.html
- HP: http://www.hp.com/calculators/

Graphing calculator help for a variety of models may be found at:


Calculators may not be shared during exams.

Online support
Interactive practice exercises keyed to the odd-number exercises in your text (Beecher College Algebra 2e) at www.interactmath.com

Complete online course at
www.mymathlab.com

Addison-Wesley Math Tutor Center staffed by college math instructors offering tutoring by toll-free telephone, toll-free fax, email, and the net. Students may access this feature through their MyMathLab course.

On-Campus support
The Math/Science Study Center, located in room 3326, is available to you as additional support for your academic needs. Its operating hours are:

- Monday – Thursday:  9:00 AM – 9:00 PM
- Friday:             9:00 AM – 3:00 PM
- Saturday:          9:00 AM – 12:00 Noon

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Student Agreement

I have read the syllabus for the indicated course and agree to follow the course policies therein. I understand my responsibilities as a student enrolled in this course and agree to meet all obligations.

Signed______________________________ Date___________________

Print Name___________________________

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