Course web page  http://faculty.mdc.edu/jthompso

Text  Intermediate Algebra by Miller/O'Neill

Course prerequisites  MAT 0020, MAT 0024, or equiv., or appropriate scores on placement test (CPT). Desire to learn Intermediate Algebra

Course Scope
MAT 1033 is a college prep level algebra course intended to provide you with a foundation in basic mathematics necessary for studies at the college level. This course will not provide you credits toward your AA degree.

Course Objectives
At the end of the semester, you should be able to:

1. Demonstrate knowledge of the slope of a Line
2. Demonstrate knowledge of linear equations and inequalities in two variables
3. Demonstrate knowledge of equations in two variables
4. Demonstrate knowledge of systems of linear equations
5. Demonstrate knowledge of rational expressions and equations
6. Demonstrate knowledge of radicals and rational exponents
7. Demonstrate knowledge of complex numbers
8. Demonstrate knowledge of quadratic equations

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.

Attendance
Attendance will be taken for all classes and will count towards your final grade (See Grading Policy). 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 prior to March 16, 2005. After this date, it is your responsibility to ensure that you are enrolled in this course in order to receive a final grade.

Note: All dates are tentative. The instructor reserves the right to make changes to this syllabus with notification to the student.
**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>
<thead>
<tr>
<th>Categories</th>
<th>Total Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Tests</td>
<td>600</td>
</tr>
<tr>
<td>Error Analysis</td>
<td>60</td>
</tr>
<tr>
<td>Homework and Quizzes</td>
<td>180</td>
</tr>
<tr>
<td>Attendance</td>
<td>30</td>
</tr>
<tr>
<td>Final Exam</td>
<td>100</td>
</tr>
<tr>
<td><strong>Total Points</strong></td>
<td><strong>970</strong></td>
</tr>
</tbody>
</table>

**Major Tests**
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 a Make-Up Approval Note. *All make-up exams will be given on Friday, April 22, 2005, from 6:00pm-7:00pm* 

**Tentative Test Dates**
Test 1: Jan. 19 (Wednesday)
Test 2: Feb 2 (Wednesday)
Test 3: Feb 16 (Wednesday)
Test 4: Mar 14 (Monday)
Test 5: Apr 4 (Monday)
Test 6: Apr 18 (Monday)
Final: TBA

**Error Analysis**
An Error Analysis is due 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>
</tr>
</thead>
<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>

**Homework and Quizzes**
Either a quiz or a homework assignment will be turned in daily. Each assignment is worth 10 points Students who miss quizzes or fail to turn in homework assignments will be given a grade of zero. *No make-up quizzes will be given.* Homework assignments will be due periodically. *Late homework will not be accepted.* If you cannot attend a class period for which homework is due, please make arrangements to have the homework delivered to me or placed in my mailbox in the Math Department (3245) before the start of the class in which the homework is due.

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Attendance
Each student begins with a total of 30 attendance points. On the 2nd missed absence, the student will begin to lose 1 attendance point for each missed class. After the 4th missed absence, the student will begin to lose 2 attendance points for each missed class.

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 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 Points without Final</th>
<th>Letter Grade</th>
<th>Total Points with Final</th>
<th>Letter Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 778</td>
<td>A</td>
<td>&gt; 868</td>
<td>A</td>
</tr>
<tr>
<td>691 - 777</td>
<td>B</td>
<td>771 - 867</td>
<td>B</td>
</tr>
<tr>
<td>604 - 690</td>
<td>C</td>
<td>674 - 770</td>
<td>C</td>
</tr>
<tr>
<td>517 - 603</td>
<td>D</td>
<td>577 - 673</td>
<td>D</td>
</tr>
<tr>
<td>&lt; 517</td>
<td>F</td>
<td>&lt; 577</td>
<td>F</td>
</tr>
</tbody>
</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 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 5 points that may be earned before each test. Peer Tutoring Record Sheets must be turned in on Test days with the signatures of both students. All necessary forms may be obtained from the course website.

Calculators
A scientific calculator may be used for all tests and quizzes unless otherwise instructed. Cell Phone calculators are prohibited. Any student caught using a cell phone calculator will receive a zero on the corresponding test or quiz.

Online support
Complete online course at www.mhhe.com/miller_oneill

On Campus Support:

The College Prep Math Lab, located in room 3324, 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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