Syllabus for Intermediate Algebra (Math 125) Spring 2008
Section 3320 19:00 - 21:30 PM MW BUNG-7
Instructor: Ali Roshan
Office: 3:20 – 3:40 M- 18:20-19:00 M-W
Phone: (818) 364-7600 # 4391
Class website: http://www.mymathcourse.net
Email: mymathcourse@mymathcourse.com


Prerequisite: Math 114-115 is a formal prerequisite, necessary to complete this course.

Math Center: You may seek assistance in learning mathematics in the Math Lab. Math assistants and math tutors are available there at no charge.

Method of Presentation: At the beginning of every class meeting, several of the homework problems will be discussed on the board. New material will be presented in a lecture format or in a cooperative learning format. In-class assignments will allow the students to work in groups, too. Students will be encouraged to continue these groups outside of class lecture.

Exams: There will be five exams. The lowest grade will be dropped. There will be no make-up examinations, since the missed exam will be the one dropped. Any other missed exam will receive a grade of 0. A comprehensive final exam will be given on Wednesday, May 30. There are no make-ups for the final and all students must take the final exam. Graphing calculators, cell phones, etc. are not allowed during exams.

Grades: Your semester grade will be determined by the following: 60% Tests, 30% Final Exam, 10% Homework. Homework credit will be given only if the student has no more than three absences, and two missing homework assignments. Grades will be distributed as follows:
- A = 90%-100%
- B = 80%-89.9%
- C = 70%-79.9%
- D = 60%-69.9%
- F = 0%-59.9%

Attendance: Please, attend every session, as you are responsible for all materials covered from the first day of the semester. Be on time, coming to class late or leaving early counts as half-absence. If you are absent more than four times you may be dropped from the class. It is your responsibility to be aware of college drop deadlines and regulations, and to inform me if you intend to withdraw from the course.

Homework and Quiz: HOMEWORK WILL BE COLLECTED ON THE DAY OF EACH TEST. They are an essential part of the class, so you should do them as completely and as accurately as possible. Please use a pencil to do your homework. Homework should be STAPLED, with your name written on the first page. Unstapled homework will be Rejected. LATE HOMEWORK GETS ZERO POINTS. #Quizzes will be unannounced. WITHDRAWAL FROM CLASS IS YOUR RESPONSIBILITY If you stop attending Class and do not inform me of your intention to drop, you risk receiving a failing grade for the course.

Important Dates:
Feb. 16-19 Presidents’ Day, College closed
March 4 Last day to drop without a “W”
March 30 Cesar Chavez Day, College closed
May 6 Last day to drop with a “W”
May 28 Memorial Day Holiday, College closed
Final Exam: Wednesday, May 30, 7:00-9:25 pm
Course Description: We will cover the following topics:

- Chapter 1: Basic Concepts and properties
- Chapter 2: Equations, Inequalities, and Problem Solving
- Chapter 3: Polynomials
- Chapter 4: Rational Expressions
- Chapter 5: Exponents and Radicals
- Chapter 6: Quadratic Equations and Inequalities
- Chapter 7: Linear Equations and Inequalities in Two Variables
- Chapter 8: Conic sections
- Chapter 9: Functions
- Chapter 10: Systems of equations
- Chapter 11: Exponential and logarithmic functions

Course Objectives:

- Solve Linear and non-linear equations and inequalities.
- Express more complex polynomials in factored form.
- Add, subtract, multiply and divide rational expressions.
- Simplify expressions with rational exponents.
- Add, subtract, multiply and divide radical expressions.
- Solve equations with radicals.
- Solve linear systems of equations in two or three variables.
- Identify and graph conic sections.
- Evaluate and graph exponential and logarithmic functions.
- Manipulate Complex numbers.

Suggested Schedule for Section #3301 19:00 - 21:30 pm MW

<table>
<thead>
<tr>
<th>Week</th>
<th>Monday</th>
<th>Wednesday</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.1-1.4</td>
<td>2.1-2.3</td>
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<td>2</td>
<td>2.4-2.6</td>
<td>2.7; 3.1-3.3</td>
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<td>3</td>
<td>President’s Day</td>
<td>3.4-3.6,3.7</td>
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<tr>
<td>4</td>
<td>Exam 1 Ch1 and Ch2, Ch3</td>
<td>4.1-4.3</td>
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<td>5</td>
<td>4.4-4.6</td>
<td>4.7; 5.1-5.2</td>
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<td>6</td>
<td>5.3-5.5</td>
<td>5.6-5.7</td>
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<td>7</td>
<td>Exam 2 Ch4 and Ch5</td>
<td>6.1-6.2</td>
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<td>8</td>
<td>6.3-6.5 6.6; 7.1</td>
<td>7.2-7.4</td>
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<td>9</td>
<td>Spring Break</td>
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<td>10</td>
<td>7.5;</td>
<td>Exam 3 Ch6, Ch7</td>
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<td>11</td>
<td>8.1-8.2</td>
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<td>12</td>
<td>9.1-9.3</td>
<td>9.4-9.6</td>
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<td>13</td>
<td>Exam 4 Ch8, Ch9</td>
<td>10.1-10.3</td>
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<td>14</td>
<td>10.4-10.6</td>
<td>10.7; 11.1-11.2</td>
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<td>15</td>
<td>11.3-11.4</td>
<td>11.5</td>
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<tr>
<td>16</td>
<td>Exam 5 Ch10, Ch11</td>
<td>Final Review</td>
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<tr>
<td>17</td>
<td>Memorial Day</td>
<td>Final Exam</td>
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