Welcome to Intermediate Algebra

This course is designed with two objectives. First, students need to learn beginning algebra in greater depth, graphs, functions, system of equations, inequalities, exponents, rational expressions, radicals, quadratic equations, exponential functions, logarithmic functions, and complex numbers. Second, prepare the students for the study of college algebra.

Student Learning Outcomes

Upon successful completion of the course, students will be able to:

1. Apply the basic operations of algebra on the set of real and complex numbers, polynomials, rational and radical expressions.
2. Solve linear, rational, quadratic, exponential, radical, logarithmic, absolute value equations, and systems of equations.
3. Solve inequalities.
4. Graph equations of lines and linear inequalities; graph basic functions; identify conic sections.
5. Recognize and determine the distinctions between functions and relations; apply basic operations on functions and find inverse functions.

MY EXPECTATIONS

No cheating; one who cheats (and is caught) will get an automatic F in this course. Show respect for all others in the class at all times. Though I cannot possibly lecture on every detail in a section, you are still responsible for the contents in each assigned section of the book. Review the syllabus and check the board in class for any changes. Participate in class activities appropriately. Your help is essential to create a positive environment both for yourself, your classmates and for the instructor. You have a responsibility to others to be an open, receptive, and courteous listener. Talking to other students or doing other activities not related to the class while someone else is trying to speak has a negative influence on classroom interaction. Excuses and rationalization don’t solve problems. In fact, they usually make things worse. If you have a problem, come talk to me about it. You are here to achieve your personal and professional goals. Make a commitment to yourself and to your learning. Focus on what you can control. Set goals and priorities. Be honest with yourself, but also avoid negative judgements that sap your energy and motivation.
**EXAMS**

There will be four closed-book exams worth **100 points** each and a final exam worth **150 points**. I will drop your worst exam score. There will be no make-up exam. **DO NOT MISS YOUR EXAM.**

**HOMEWORK**

A few problems will be assigned from each section covered based on the course outline. Each class will begin with a review of homework questions. You are encouraged to make corrections and clarify any topic that are not understood. There will be five homework sets worth **20 points** each and you must turn in before you take the exam on schedule exam dates. Place them a PeeChee-type folder with your name at the upper-right outside corner. For the late homework **10 points** shall be deducted.

*To earn full credit, you should show all your work on the paper.*

**QUIZZES**

**50 points** from quizzes, group quizzes, or any other daily activity which I grade. These quizzes or activities may be given at the beginning, middle, or end of class; no make-ups are allowed. The remaining scores will be prorated to be worth 50 points. For instance, if you earned 160 out of 200 quiz points, you will get 80% for your total quiz score because 160/200 is 80%, 80% of 50 points is 40.

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**SCHOOL SERVICES**

1. **DSPS** - Students with physical or learning disabilities, you may contact disabled student programs and services for assistance. If you need extra time for your test, you can see the Counselor and they will help you to do the paper works for the DSPS.

2. **Tutorial Services** - If you need tutor, please contact Tamara Caponetto at (951)-372-7143. You are entitled for free tutor for three hours per week per course.

3. **Math Lab (ST 101)** - If you want to use the math lab

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**Grading System**

<table>
<thead>
<tr>
<th>Grade Equivalent</th>
<th>Final Exam</th>
<th>Three closed-book Exams</th>
<th>Five sets of Homework</th>
<th>Graded Quizzes and Group</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>150 points</td>
<td>300 points</td>
<td>100 points</td>
<td>50 points</td>
<td>600 points</td>
</tr>
<tr>
<td></td>
<td>540-600pts</td>
<td>480-539pts</td>
<td>420-479pts</td>
<td>360-419pts</td>
<td></td>
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<tr>
<td>Grade</td>
<td>90-100%</td>
<td>80-89%</td>
<td>70-79%</td>
<td>60-69%</td>
<td></td>
</tr>
<tr>
<td>Equivalent</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
<td>F</td>
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</tbody>
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**In addition, no matter how many points you have earned in the course, you must get at least a B on the final examination to receive an A for your course grade.**

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**IMPORTANT DATES**

- Last Day to add classes: June 25, 2010 Friday
- Last Day to Elect Pass/No Pass: June 25, 2010 Friday
- Last Day to drop with Full Refund: June 25, 2010 Friday
- Last Day to drop without a "W": June 29, 2010 Tuesday
- Last Day to drop with a "W": July 21, 2010 Wednesday
- Independence Day (no class): July 5, 2010 Monday

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**FINAL EXAM SCHEDULE**

July 29, 2010, Thursday
9:00 a.m.–11:30 a.m.

**THANK YOU AND HAVE A SUCCESSFUL AND ENJOYABLE SUMMER!**