MATH 125
CLASS SYLLABUS SPRING 2008

Course: Intermediate Algebra
Ticket Number 0359, TTh 12:25-14:55 p.m.

Instructor: John Asatryan
Office Hours: TTh 11:55-12:25 p.m.
Office: BUNG 4
Phone: (818)364-7600 ext. 4078
Email: asatryj@lamission.edu

Text: Intermediate Algebra
Kaufmann/Schwitters-8th Ed.

Important Dates: March 3: Last day to drop without a “W”
May 5: Last day to drop with a “W”
Final Exam: June 2

Course Outline
We will be covering real numbers, sets, formulas, equations and inequalities, factoring strategy, rational equations, exponents, roots, graphic linear equations, graphing via transformations, etc.

Homework, Quizzes, and Exams
Homework from the textbook will be assigned and collected and we will review the homework problems in class. It is important that students complete all assignments in order to be ready for all quizzes and exams. We will have 4 or 5 quizzes (they will be announced ahead of time), and three tests. Our comprehensive final will be on June 2. No make-up exams will be given. Successful students should plan to spend at least three hours of study outside of class for each hour of instruction.

Read the textbook: The textbook provides a reasonable level of mathematical rigor and many exercises are quite reveling. I strongly encourage you to read the text Carefully. The lectures are designed as a supplement to and not an alternative for the textbook. Students are expected to master all topics in the textbook unless otherwise indicated and regardless of whether they are mentioned in the lecture.

Class comportment
All students are expected to arrive on time. Late arrivals are disruptive to both the lecturer and students. We will have a short break about midway through the class period. Students must turn off cell phones and all electronic devices while in class. Students are encouraged to ask questions and make comments on the lecture material. This should be done in a courteous manner by raising one’s hand and being recognized. Side conversations between students that disrupt the flow of the lecture will not be tolerated. It is the student’s responsibility to manage his or her academic workload. Should a student
decide to stop attending class it is his/her responsibility to drop the class. All students appearing on the grade roster will receive a grade regardless of whether they are attending classes or not.

**Grading**
Your final grade is based on several factors, these factors and their percentage contribution to your grade is as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>Exams</td>
<td>50%</td>
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<tr>
<td>Quizzes</td>
<td>10%</td>
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<tr>
<td>Homework</td>
<td>10%</td>
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<tr>
<td>Attendance and participation</td>
<td>10%</td>
</tr>
<tr>
<td>Final</td>
<td>20%</td>
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</tbody>
</table>

**Math 125**

**Learning Outcomes**
1) Solve Linear and non-linear equations and inequalities.
2) Express more complex polynomials in factored form.
3) Add, subtract, multiply and divide rational expressions.
4) Simplify expressions with rational exponents.
5) Add, subtract, multiply and divide radical expressions.
6) Solve equations with radicals.
7) Solve linear systems of equations in two or three variables.
8) Identify and graph conic sections.
9) Evaluate and graph exponential and logarithmic functions.
10) Manipulate Complex numbers.