

LOS ANGELES MISSION COLLEGE
MATH 125
CLASS SYLLABUS FALL 2008

Course: Intermediate Algebra
Ticket Number 0297, 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: September 26: Last day to drop without a “W”
November 21: Last day to drop with a “W”
Final Exam: December 16

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 December 16. 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 compartment

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;

Exams	50%
Quizzes	10%
Homework	10%
Attendance and participation	10%
Final	20%

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.