

Syllabus

Professor: Eileen McGann emmcgann@gmail.com website: emmcgann.googlepages.com
Office Hours: Tuesdays & Thursdays 5:00 – 5:30pm Bung 1

Text: Elementary algebra – 8th Addition **Author:** Kaufmann/Schwitters

Department help link: <http://www.lamission.edu/math/m115.aspx> (including common final questions)

Student Learning Outcomes:

- Categorize numbers
- Use numerical operations
- Evaluate arithmetic expressions with exponents (positive and negative)
- Solve first-degree equations and inequalities; including fractions
- Solve for a given variable
- Analyze and solve word problems, including proportional problems
- Simplify and perform operations on polynomials
- Use factoring techniques, including the quadratic formula
- Graph equations in two variables
- Determine equations of lines
- Solve systems of equations
- Determine roots
- Solve equations including radicals
- Being able to solve using completing the square
- Determine relations and functions

Grading

Homework:

Assigned at the beginning of each unit and is due the day of the exam. No late homework will be accepted. Each assignment is 30 points.

Tests & Quizzes:

No make-up tests or quizzes will be given. Each test is 100 points. See below for tests dates. Approximately, two quizzes will be given for each unit. Each quiz is 30 points. The lowest quiz score and lowest test score will be dropped from grade. All tests and quizzes are given on Wednesdays.

Final:

Saturday December 20, 2008 (10:15am – 12:15pm). This is a department final and students must be present or they will receive a zero. Students must bring two number two pencils, a scientific calculator, and a picture ID. Students are not allowed to have backpacks, cell phones, any type of electronics, etc.

Test Dates:

Unit 1 – Chapters 1 & 2	Sept. 17 th
Unit 2 – Chapters 3 & 4	Oct. 8 th
Unit 3 – Chapters 5 & 6	Oct. 29 th
Unit 4 – Chapters 7 & 8	Nov. 19 th
Unit 5 – Chapter 9 & 10	Dec. 10 th