

Math 103 20

Instructor: Edward J Reiser

Office Hours: After Class

Text Book: Algebra for College Students

Authors: R. David Frisk, Peter D. Frisk

Course Objective:

By taking this course, the student will gain knowledge and skills on:

- 1) Basic concepts and properties of Real number.
- 2) Linear and quadratic equations
- 3) Rectangular Coordinate system
- 4) Systems of linear equations
- 5) Inequalities
- 6) Polynomials
- 7) Rational expressions
- 8) Radical expressions
- 9) Functions

Chapters to be covered:

We will cover as much of chapters 1 through 8 as possible, skipping some sections. It is necessary that we cover about two sections per class

Tests and Final:

There will be a daily quizzes, a midterm, and a final. The quizzes will be held at the end of class. The date of the midterm will be announced, and the final will be on the last day of class.

Grading:

Quizzes = 33%
Midterm = 33%
Final = 34%

Class Philosophy:

The only way to learn mathematics is by doing mathematics. Therefore, in order to be successful in this course it is very important the student does their homework. The lectures will be similar to the material in the book. I basically elaborate on the author's explanations with additional examples. After we are done discussing a given section the student should read that section. Most problems in the book are very similar to the examples. If you can understand the examples you can usually solve the problems. Mathematics is a beautiful and useful subject with many applications in physics, biology, technology, business, etc. Throughout the class I will try to point out these applications. I hope you enjoy the class.