

COURSE INFORMATION

Location: MTH 215 / MTH 217
Class Times: TR 8:00-9:15 / 11:00-12:15
Instructor: Dr. Karl Frinkle
Office: MTH 112
Office Hours: M 11:00-14:00, TR 9:30-11:00 and 14:00-16:00,
or by appointment
Office Phone: (580) 745-2028
E-mail: kfrinkle@se.edu
Website: <http://carmine.se.edu/kfrinkle/>

TEXT

Text: *College Algebra*, 2nd Ed. by John W. Coburn, ISBN # 9780077276492

COURSE OBJECTIVES

The following objectives will be met in this class:

- Demonstrate with 90% mastery use of basic algebraic concepts and expressions including absolute value, factoring, rational expressions, exponents, and radicals.
- Solve linear and quadratic equations including absolute values and inequalities and use those concepts to analyze applied problems.
- Solve and graph basic algebraic functions.
- Use graphing techniques and transformations to analyze the behavior of functions.
- Solve and graph polynomial and rational functions.
- Solve exponential and logarithmic functions and be able to analyze their graphs in appropriate applications.
- Students will synthesize algebraic concepts to analyze real world problems and discover appropriate methods to reach a solution.

COURSE OUTLINE

We will cover most, if not all, of the topics from chapters 1 through 6, and 8.

POLICIES

You will not be able to make up a quiz or test or receive credit for any other assignment which you missed the deadline for unless you notify me ahead of time. If you are going to miss a class, please let me know ahead of time, and I will ensure that you can take a quiz early, or make it up afterwards if one is to be given that day. The same goes for homework and projects.

Cheating will not be tolerated in any shape or form. If you are caught cheating, it will be reported to the appropriate academic offices, and appropriate action will be pursued.

All cell phones, pagers, CD/MP3 players, laptops, calculators and other such devices must be turned off and put away before class begins. It is also expected that everyone will behave in a kind and courteous manner towards fellow students and the instructor.

If you are caught using a cell phone or any other electronic device during class, your final grade will be dropped by **one letter grade per incident**.

I reserve the right to change any policies as I see fit to ensure that you are indeed receiving the best possible education that I can give you in the subject matter at hand. If I feel a certain aspect of the course does not appear to be effective in its method, I will attempt to change it (for the better I hope).

COURSE WORK You will be expected to read the material for each days lecture in advance. Reading quizzes will be given each day at the beginning of class over this material. See the document *schedule.pdf* document on the website for a breakdown on when we will cover specific sections. In addition to reading quizzes, there will be sometimes additional problems on these quizzes based on material we have already covered. Together, these quizzes count for 35% of your final grade.

Homework for each section will be assigned the day that we cover that section, and you will have exactly one week to finish it. The problems for each section can be found in the *schedule.pdf* document. All of the homework assignments will add up to 35% of your final grade.

There are no mid-semester exams, only a cumulative final exam. The final exam will count for 20% of your final grade, and will be on Tuesday, December 6th, from 8:00 to 10:00 for the 8:00 AM course, and 11:00-13:00 for the 11:00 AM course.

GRADES Your final grade will be based upon the following items

- 35% - Homework - to be handed in on a regular basis
- 35% - Reading/Problem Quizzes - given randomly, without warning
- 20% - Final Exam - exam covering all of the material from the semester
- 10% - Class Participation - interaction during class, and in projects/presentations

IMPORTANT DATES FOR FALL 2011

- 2011.08.15 - Classes begin
- 2011.08.19 - Last day to enroll in or add classes
- 2011.08.19 - Last day to drop a class with no grade record
- 2011.08.19 - Last day to drop a class with refund/no charges
- 2011.09.12 - Last day to drop a class with automatic W
- 2011.11.01 - Last day to complete final application for graduation
- 2011.11.15 - Last day to drop a class
- 2011.12.09 - Classes end

SPECIAL ACCOMMODATIONS Any student needing special accommodations due to a disability should contact the Coordinator of Student Disability Services, Student Union, Suite 204 or call (580) 745-2254 (TDD# 745-2704). It is the responsibility of each student to make an official request for accommodations to the Coordinator. For additional information, see the Americans with Disability Act on the Southeastern Online Learning website or <http://www.se.edu/ada/>