Math 130-105 College Algebra

Section 105

Instructor: Dr. Drost

Time: 1:00 - 1:50 pm Mon., Weds. , Fri.

Room:Smith Hall 516

Office: Smith 742C Phone: 696-3043 E-mail: [drost@marshall.edu](https://outlookweb.marshall.edu/owa/redir.aspx?C=d5ca253c3628495db3c188c45f1fe15a&URL=mailto%3adrost%40marshall.edu)

Office hours: Mon.,Weds., Fri. 2:00 - 3:00 P.M.

 or by appointment

Text: College Algebra by Larson (9nd ed.)

Material covered: Chapter P all sections

 Chapter 1 all sections

 Chapter 2 all sections

 Chapter 3 all sections

 Chapter 4, sections 4.1-2

 Chapter 5 all sections

 Chapter 6 sections 6.1-3

Tests: We will have a 50 minute exam on Fridays in the 4th, 9th and 13th weeks worth 100 points each. In addition there is a final exam scheduled on Friday 12/11 at 12:45 P.M. worth 150 points.

Attendance and Quizzes: Homework will be assigned , but not graded. Use it as a source of questions for the next day. On Mondays and Wednesdays, I will take attendance. Each Friday I will assign a problem from the book as a quiz. The total quiz/attendance grade will be worth 50 points.

What Is College Algebra?: Algebra is about taking simplified models of problems, converting them into equations, and then solving them. Because a graph conveys more information than a table of values, we spent a lot of time looking at and creating graphs of the various kinds of functions we look at. Starting with linear and quadratic functions, we move on to general polynomials, rational functions, and finally exponential and logarithmic functions. We will be using a graphing calculator, any model you know how to use is fine, but in class I will use a Texas Instruments model.