

SYLLABUS FOR MA 105, COLLEGE ALGEBRA FOR CALCULUS PREPARATION

Prof. Hal Martin

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Office Hours: 7:30 – 7:50 A.M., Monday through Thursday;

11:00 – 11:50 A.M., Monday, Wednesday, Thursday;

And by appointment.

Text: *College Algebra*, 4th Edition, by Stewart, Redlin, and Watson.

Course Description and Overview: This course prepares students for MA 270, calculus for business and social science students. The course also prepares students for pre-calculus, MA 115. The course covers the subjects of Chapter P and Chapters 1 through 6 in the text. We will devote two weeks to each of the seven chapters, making a total of 14 weeks. At the end of each two week period there will be an exam on the chapter covered during that period. Hence, each exam is given on a Thursday. The material covered in the course is reflected in the titles of the chapters, namely: Prerequisites, Equations and Inequalities, Coordinates and Graphs, Functions, Polynomial and Rational Functions, Exponential and Logarithmic Functions, and Systems of Equations and Inequalities. There will also be a comprehensive final examination during finals week.

Tentative (but almost certain) Exam Schedule:

Exam 1, Thursday,	01/25/07,	Chapter P
Exam 2, Thursday,	02/08/07,	Chapter 1
Exam 3, Thursday,	02/22/07,	Chapter 2
Exam 4, Thursday,	03/15/07,	Chapter 3
Exam 5, Thursday,	03/29/07,	Chapter 4
Exam 6, Thursday,	04/12/07,	Chapter 5
Exam 7, Thursday,	04/26/07,	Chapter 6
Final Exam	04/30/07	Comprehensive

Grading:

The final exam counts as 30% of the course grade. Each of the hour long chapter exams counts as 10% of the course grade. I normally use some grading scheme that involves dropping a lowest test score before computing a final numerical average for the course.

The usual grading scheme will be followed: 93 – 100 is an A; 90 – 92 an A-; 87 – 89 is a B+; 83 – 86 a B; 80 – 82 a B-; 77 – 79 a C+; 73 – 76 a C; 70 – 72 a C-; 67 – 69 a D+; 63 – 66 a D; 60 – 62 a D-; less than 60, an F. This scheme of grading is a minimum guarantee. Normally some kind of a curve is applied so that in practice the grading is a little more liberal than indicated above.

Laptop Policy: The use of laptops and other electronic devices, except for hand held calculators, will not be permitted during exams. When you are in class, I expect your undivided attention. Therefore, the use of laptops during class periods is not permitted.

Note:

This course satisfies the Foundation of Natural Science/Mathematics requirement. Students who complete this course should be able to demonstrate a basic understanding of mathematical logic; use mathematics to solve scientific or mathematical problems in college classes; express relationships in the symbolic language of mathematics; and appreciate the role of probability and statistics in analyzing natural phenomena.

Disability Services:

If you have a need for disability related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office at 2001 C.B. Hedgcock (227-1700; TTY 227-1543). Reasonable and effective accommodations and services will be provided to students if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state and university guidelines.