

Course Syllabus: **MA 105 College Algebra for Calculus Preparation**

Class Time and Location: 7:00 P.M., T Th, NSF 1205

Instructor: Richard Balding

Office: New Science Facility 1013

Phone: 227-1479 ( office/voice mail ), 225-1837 ( home )

Office Hours: By appointment

Course objective:

This course is designed to prepare highly motivated, but mathematically unprepared, students for the study of calculus in two ways: 1) expand and deepen the algebraic knowledge and techniques necessary for calculus and 2) prepare the student for the increased pace necessary for calculus.

Requirements:

- 1) Attendance is required and will be taken daily. Excessive ( more than 3 ) unexcused absences may cause a drop in your grade at the end of the semester. Topics will be covered outside of the book and you need to be there to get them. In case of an illness or other emergency that would result in a class absence, you will be responsible for keeping up with the class work and for notifying me if you want the absence to be considered excused. ***On days of tests or quizzes, you must call my voice mail or home before class to be excused.***
- 2) Homework will be assigned at the end of most classes. Most of the time the homework will not be collected, but is essential to your learning the material. The best way to learn math is to do math. Reading the text is also important, since part of our goal is to learn to communicate mathematically.
- 3) Your final grade is determined from a combination of the points achieved from your collected homework ( if any ), quizzes, tests and your final exam. Quizzes may be given on short amounts of material. Tests will normally be given at the end of each chapter, and will be worth more than the quizzes. The final will be about the size and value of about one and a half tests.

**Required Materials:**

- 1) College Algebra A Graphing Approach, by Barnett, Ziegler and Byleen, 2000.
- 2) Graphing Calculator: TI-85 ( or comparable ) or TI interactive on your laptop.

**Material to be covered:**

We will cover most or all of chapters 1 – 5 and parts of chapter 6, if tme permits.

**Grading Scale: ( Approximate )**

90 – 100 % A's  
80 – 89 % B's  
70 – 79 % C's  
60 – 69 % D's  
Below 60 % F

**Other Notes:**

The math lab on the third floor (East side) of West Science (WS 3810) is open from 9 – 4, M – Th and 9 – 3 on Friday. Tutoring may also be available, but you must seek help from me first (for the free tutoring).

If you have a need for disability related accommodations or services, please inform me or the Office of Student Support and Disability Services at 405 Cohodas (phone: 227-1550, TDD: 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.