

Course syllabus –MA106 Trigonometry – Fall ‘07

Class Time and location: 7:00 – 8:15 PM, MW, WS 2911

Instructor: Richard Balding

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Office hours: by appointment

Course objective :

This course is a fairly complete trigonometry course, emphasizing the study of the trig functions, the operations and identities of these functions and their applications.

**This course satisfies the Foundation of Natural Sciences/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 mathematics in analyzing natural phenomena.**

Requirements:

- 1) Attendance is required and will be taken daily. Excessive absences may result in a drop in your grade. In case of an illness, you will be responsible for keeping up with class work and notifying me if you want the absence excused. **On days of tests or quizzes, you must call or e-mail me 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 the learning of the material. The best way to learn math is to do math.

- 3) Your final grade will be determined from a combination of the points achieved from your collected homework (if any), quizzes, tests and the final exam. The final will be worth about 1 ½ tests.

Required Materials:

- 1) Trigonometry, by Lial, Hornsby and Schneider, eighth edition, Pearson, 2005.
- 2) IBM Thinkpad (TI interactive) or graphing calculator

Material to be covered:

We will cover most of chapters 1 – 7

Grading scale: (Approximate)

90-100%	A's
80-89.9%	B's
70-79.9%	C's
60-69.9%	D's
below 60%	F

## **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 by: coming into the office at 2001 C. B. Hedgcock; calling 227-1700; or e-mailing [disserv@nmu.edu](mailto:disserv@nmu.edu). 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.