Syllabus (Spring 2011)
MA 2232-01 – Calculus II
11:30 MWF – 110 Elliott
Lab: 11:30 TTh – 207 Elliott

Howard Iseri
My wife Linda is also a member of the Math and CIS faculty, so there are two Drs. Iseri. Call me Howard.

Office: 213B Elliott Hall. Email: hiseri@mansfield.edu. Web page: http://faculty.mansfield.edu/hiseri. It will be most efficient to contact me by email, and you don’t need to notify me that you’ll be missing class.

Office Hours: MWF 9:30 and TTh 9:00.

Attendance: You don’t have to notify me that you’ll be missing class. I’ll understand, if you miss a class occasionally. The lecture notes and homework will be posted on my web page, and if you turn in your quiz and homework for the missed class, your absence will not count against you.

Text: (Suggested/Optional?): Calculus, Larson and Edwards (any edition). I’ll follow the text, but I will provide lecture notes, and these should be sufficient. (See Course Calendar)

Catalog Description: This is a continuation of MA 2231, and is intended to develop a good understanding of the definite integral and its uses including calculating area and applying numerical computation and estimation techniques, and to develop basic integration techniques. Differential equations, Taylor polynomials, series, exponential functions, logarithmic functions, and polar coordinates, and analytic geometry are also covered. Prerequisite: MA 2231 or equivalent.

Course Objectives: (see Course Outcomes)
1. Define standard integral objects.
2. Develop integration techniques.
3. Develop numerical integration techniques.
4. Explore various applications of the integral.
5. Define sequences, infinite series, and convergence.

Calculator: You will want to have a calculator for this class. A $10-$15 scientific calculator should be sufficient, although math majors may prefer a graphing calculator.

Assignments:

- 10% total: Homework, quizzes, and labs.
- 22% each: Three Tests (Wednesdays, Feb 9th, Mar 2nd, and Apr 6th).
- 24%: Final Exam (Tuesday, May 3rd at 10:45).

Letter Grades: I will assign letter grades based on the following percentages. An A is 93% or better. An A- is 90% or better. A B+ is 87% or better. A B is 83% or better. A B- is 80% or better, A C+ is 77% or better, A C is 73% or better, A C- is 70% or better, A D+ is 67% or better, A D is 63% or better, and a D- is 60% or better. Anything below 60% is an F.

Material to be covered: See Course Calendar. (http://faculty.mansfield.edu/hiseri/MA2232/MA2232.htm)

MU Americans-with-Disabilities-Act Statement: Any students with documented psychological or learning disorders or other significant medical conditions that may affect their learning should work through Mr. William Chabala in our Counseling Center (South Hall 216, Phone: 662-4798; e-mail wchabala@mansfield.edu) to provide me with the appropriate letter so that I may serve their particular needs more effectively. If you have an exceptionality that requires classroom or testing accommodations, Mr. Chabala will work with us to identify and implement appropriate interventions.