SYLLABUS FOR MA 163, CALCULUS 2

Prof. Hal Martin

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Office Hours: By appointment.

Text: Single Variable Calculus, Early Transcendentals, by James Stewart

Course Description and Overview: This course is a continuation of MA 161, Calculus 1. The first seven weeks will be devoted to applications of the definite integral, (topics selected from Chapters 6, 7, 8, and 9). The second seven weeks will be spent on parametric equations and polar coordinates, (Chapter 10), and on infinite sequences and series, (Chapter 11).

Tentative Exam Schedule, (Fairly definite, but subject to change):

Exam 1, Monday, 01/26/09, Sections 6.1 – 6.4, and 7.1 – 7.3.
Exam 2, Tuesday, 02/10/09, Sections 7.4, 7.7, 7.8, 8.1, 8.2, 8.3.
Exam 3, Wednesday, 02/25/09, Sections 9.1 – 9.5.
Exam 4, Thursday, 03/19/09, Sections 10.1 – 10.6.
Exam 5, Monday, 04/06/09, Sections 11.1 –11.7.
Exam 6, Tuesday, 04/21/09, Sections 11.8 – 11.11.

Final Exam, during the week of Monday, April 27.

Grading:

There will be six extra-credit problems, one associated with each of the six hourly exams. The grade for a particular exam will include the grade for the extra credit problem. Therefore, it is possible to score 110 on each of the six hourly exams.

The grade on the final exam will be entered as four grades. Therefore, there will be a total of ten exam grades at the end of the course. The lowest of these ten grades will be dropped and a numerical average taken of the remaining nine exam scores. The usual grading scheme will be followed: 93 – 100 is an A; 90 – 92 an A-; 87 – 89 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; 50 – 62 a D-; less than a 50, an F. This scheme of

grading is a minimum guarantee. The grading may be 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 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.

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, or calling 227-1700, or e-mailing **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.