MTH 132, Calculus I

Section 5 & 18, Fall 2008

Lecturer: Dr. Wenyuan Wu

Office Location: A320 Wells Hall

Office Phone: 353-6331

Email: wenyuanwu@math.msu.edu

URL: http://www.mth.msu.edu/~wenyuanwu/Mth132.html

Class:

Section 5	C306 WH	days: M W F	time: 09:10 - 10:00
Section 18	C101 WON	days: M W F	time: 11:30 - 12:20

Office Hours: M W, 2:00 p.m. - 3:30 p.m., or by appointment.

Textbook: Thomas' Calculus, 11th Edition, Thomas, Weir, Hass, Giordano,

Prerequisites: (MTH 103 and MTH 114) or ((MTH 116 or LBS 117) or designated score on Mathematics Placement Test)

Credits: 3

Description: Limits, continuous functions, derivatives and their applications. Integrals and the fundamental theorem of calculus.

Grades: Your final grade will be based primarily on the total number of points you earn from a total possible point score of **600** points. The total possible point score will come from the following items: (i) **7 quizzes (drop lowest one)**, worth 20 points each, (ii) **4 Tests**, worth 70 points each, and (iii) **1 uniform final exam**, worth 200 points. Thus, 6 * 20 + 4 * 70 + 200 = 600. Every student in this class will receive a grade point average at least as high as his RGPA ("raw grade point average"). To determine your RGPA, compute the percentage of points you earned (by dividing your total point score by 6), and use the following scale:

90-100=4.0	85-89=3.5	80-84=3.0	75-79=2.5
70-74=2.0	65-69=1.5	60-64=1.0	00-59=0.0

No make-ups for the quizzes. Make-ups for the tests and the final exam will not be permitted except for a severe medical problem or dire family emergency. A written note from an appropriate person is required. If at all possible, you should contact the instructor before the missed test. A missed test or final exam will receive the score 0.

Quizzes and Tests: 7 quizzes and 4 tests will be given in the lecture. For the dates, please see Announcements.

Final Examination: Monday, December 08, 10:00am -12 noon for a uniform final examination for all sections of MTH 132. Examination rooms will be announced by the instructor during the last week of classes.

Homework: You should work out the exercises at the end of each section. Your solutions of these exercises will not be collected. However, you are strongly encouraged to do homework since it can help you prepare the quizzes and tests.

Gateway Exams All students in Math 132 are required to pass two Gateway Exams (Times are approximate).

- Exam 1: Algebraic Manipulation: Sept 6 - Sept 29.
- Exam 2: Differentiation and Integration: Oct 2 - Oct 27.

If you pass the gateway exams, **20** points will be **added** to your score; if you fail it or do not take it, **10** points will be **deducted** from your score.

The first gateway exam deals with prerequisites for this course only. **Failure to pass the first gateway exam is a strong indication that you are not prepared for this course.**

Mathematics Learning Center This is an extra resource for the mathematics students. For the details, visit the Mathematics Learning Center page.

Test Policy: All examinations in this section will be closed-book examinations. You are **not** permitted to use your book or notes or calculators during any of these examinations.

Test Questions and Solutions: Many of the questions on each examination will be patterned after problems worked out in the text, done in class, or among the assigned problems in the homework. The remainder will be questions of a conceptual nature drawn from the lecture notes and text material. After the graded test is returned to you, it is your obligation to learn how to solve each test question you missed (please see solutions).

Grade-change Policy: If you have any questions regarding the grading of any of your examinations, you should speak with me about your concerns during my office hours. Otherwise, no grading changes will be made.

Student Code of Conduct:

- Students are responsible for prerequisites.
- The following is disruptive class behavior:
  - Coming late to class
  - Reading newspapers or using laptop during class hour
  - Private conversations during class
  - Leaving class early
- After absences it is the student's responsibility to obtain missed material from classmates. Tests and quizzes missed because of absences without prior approval or valid Olin Health Center excuse are counted as zeros.
- Students must produce carefully written documents. All writing must be in complete sentences employing standard English and mathematical symbols.
- Go to office hours with prepared questions and/or examples of your attempts at the material.
- Study groups are encouraged. However, all work not designated as group work must be substantially the student's own work. It is a fundamental rule in academia that another's work must be acknowledged.
- The text for the course is the primary resource. It is the student's responsibility to read each assigned section carefully. Not all points from a section may be mentioned during lecture.
- The University's policy concerning academic **integrity** and **honesty** is covered in the Spartan Life booklet, General Student Regulations. Specifically, the following conduct is cited:
  - Supplying or using work or answers that are not one's own.
  - Providing or accepting assistance with completing assignments or examinations.
  - Interfering through any means with another's academic work.
  - Faking data or results.

Important Dates:

Monday - 08/25/08 - Classes Begin
Friday - 08/29/08 - Online open add period for Fall ends at 8pm.
Monday - 09/01/08 - Labor Day - University closed
Tuesday 09/02/08 to Friday 09/05/08 - Students go to Undergraduate office, A212 Wells Hall for Mathematics enrollment changes. (late adds, drop to lower course, section changes)
Friday - 09/05/08 - Last day to late add a course or change sections within a course. Last day to drop to a lower level course.
Thursday - 09/18/08 - End of Tuition Refund
Tuesday - 10/14/08 - Middle of Semester, Last day to drop a course without a grade being reported.
Thursday 11/27/08 to Friday 11/28/08 - Thanksgiving Break
Friday - 12/05/08 - Last day of classes.
Monday - 12/08/08 10:00am -12 noon - Common Math Final Exam

Updated: 08/21/2008