

Juhyung, Lee
000422012
Teaching Seminar
10/21/04
Professor : Lisa Mantini

Math 2103, Elementary Calculus Spring 2005 Course Information

Instructor : Juhyung Lee, 431 Math Sciences, Telephone 405-744-8412, E-mail
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Course Times : MWF 8:30-9:20 AM in AGH 108

Office Hours : MWF 2:00-2:50 PM; other times are available by appointment

Course Objectives : The objectives of the course are to teach the skills of differential and integral calculus well enough that students will understand the statements of theorems in this course text.

Prerequisites : Math 1513, College Algebra

Text: The text is Applied Calculus, by Hughes-Hallett, Gleason, Lock, Flath, et al;
Wiley, 2003

Course Requirements : The requirements for this course are as follows:

- Three in-class exams, worth 100 points each, tentatively scheduled to be given on
 - Monday, January 31;
 - Monday, March 7;
 - Monday, April 11;
- Homework totaling 200 points. Homework will be collected almost every week, usually on Wednesdays except as noted on the attached calendar. The average of the scores on your 11 assignments will determine your homework percentage, and that percentage multiplied by 150 will determine your homework score.
- A comprehensive final exam worth 200 points and given from 08:00 – 09:50 on Monday, May 2.

Grading : The maximum total points for the course are 700. Preliminary cutoffs for the final course grade are listed below.

- 630 points(90%) guarantees an A in the course
- 560 points (80%) guarantees a B
- 490 points (70%) guarantees a C
- 420 points (60%) guarantees a D

Homework : Homework will be assigned to coordinate with every section we discuss. Homework will be collected once a week, mostly on Tuesday except as noted. Selected problems will be graded, and the homework will be returned as soon as possible. No late homework will be accepted. Tentatively there will be 11 problem sets. Subsequent missing assignments earn a score of 0. Homework requirements:

- Leave homework on a pile on the table as you enter class on the day it is due.
- Prepare your homework on 8.5' by 11' sheets which are **stapled** and with **no ragged edges**.
- Label each problem with the Complete problem number, written as 1.3.5 for problem 5 from section 1.3 in the **left margin**.
- In order to receive full credit your work must be clear and legible, you must show all work, and explanations and proofs must be written in full, grammatically correct English sentences. Partial credit is not guaranteed.

MLRC : The Mathematics Learning Resource Center, or MLRC, is in the basement of South Murray Hall at the corner of Monroe and University. It offers tutoring for our course as well as a computer lab, lectures on videotape, and other resources. The MLRC is open from January 10 through April 25 at the following times:

- Sundays 7-10 pm,
- Mondays through Wednesdays, 12 noon until 10 pm, and
- Thursdays from 10 am until 8 pm.

The MLRC is closed on Fridays, Saturday s, and on university holidays.

Calculators : Calculators can be an excellent tool if used wisely, but they can also be overused. Try to avoid using your calculator if it is not really necessary, and do simple graphs by hand as much as possible. Some homework exercises and some class work will require the use of a graphing calculator. No particular model or brand is required or prohibited. (If you want to buy one, do check the local pawn shops before spending a lot of money in Wal-Mart.) You may borrow a calculator from the Math Department for free this semester as long as you return it by the

last day of finals week. You will be charged if you return it any later than that. You must bring your ID with you to check out a calculator. They can be checked out in MS 428 or MS 401 from 8 am until 11 am and 1 pm until 4pm on Tuesday and Wednesday, January 14 and 15.

Make-up exams : Makeup exams will be given only for very serious and unavoidable conflicts or emergencies and only if your request to present a make-up examination is approved by your instructor **in advance**. If this condition is not satisfied, it is understood that the opportunity to present a make-up examination is voided. At the instance that a make-up examination is appropriate, it will be given the last day of the Finals Week during the period scheduled for make-up exams.

Drop Policy : The last day to drop the course with a partial fee refund is Friday, September 3. The last day to drop the course with an automatic grade of W is Friday, November 12. Your first two exams will be returned before this date. The last day to withdraw from all classes with an assigned grade of W or F is Friday, December 3.

Attendance Policy : Attendance is not part of your course grade, but it is **highly recommended**. You are responsible for all material covered in class and all assignments.

Academic Dishonesty : Academic dishonesty is behavior in which a deliberately fraudulent misrepresentation is employed in an attempt to gain undeserved intellectual credit, either for one's self or for another. Academic dishonesty is not condoned or tolerated at Oklahoma State University. The minimum penalty for an act of academic dishonesty will be a grade of 0 on the exam or homework assignment. The list of activities which are not allowed includes, but is not limited to, the following:

- Showing your written homework solutions to another student;
- Reading another student's written homework solutions;
- Writing a solution to a homework problem jointly with another student and then both students copying that solution onto their own papers;
- Reading homework solutions written by faculty or students in other semesters and/or at other universities, including such solutions posted on the internet or in the instructor's manual.

Math 2103, Tentative Schedule, Spring 2005

Week of	Monday	Wednesday	Friday
Jan 10	Intro, 1.1	1.2	1.3
Jan 17	1.4	1.4/1.5 HW1 due	1.5/1.6
Jan 24	1.6	1.7 HW2 due	Review
Jan 31	Exam1	1.8	1.9
Feb 7	Modeling	2.1 HW3 due	2.2
Feb 14	2.3	2.4 HW4 due	2.5
Feb 21	3.1	3.1/3.2 HW5 due	3.2/3.3
Feb 28	3.3	3.4 HW6 due	Review
Mar 7	Exam2	4.1	4.2
Mar 14	Spring Break	Spring Break	Spring Break
Mar 21	4.3	4.4 HW7 due	4.4/4.5
Mar 28	4.5	4.6 HW8 due	4.6
Apr 4	9.1	9.2 HW9 due	Review
Apr 11	Exam3	9.3	9.4
Apr 18	9.4/9.5	9.5 HW10 due	9.6
Apr 25	9.6	Review HW11 due	Review
May 2	Final Exam		