Math 2103, Elementary Calculus, Section-002, Summer 2010

Instructor: Lizhi Chen

Lectures: MTWR 10:30 - 11:45 AM, HES 326

Office: MS 435

Office Hours: MTW 9:00AM - 10:00AM or by appointment

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Course Description: This course is an introduction to differential and integral calculus for students of business and the social sciences. We will discuss functions and change, rates of change and the derivative, short cuts to differentiation, using the derivative, and functions of several variables.

Prerequisites: The prerequisite for this course is Math 1513, College Algebra, or equivalent.

Text: The text is *Applied Calculus*, custom OSU edition, by Hughes Hallett et al.

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

- Two 75-minute midterm exams, worth 100 points each, given on
  - Tuesday, June 22;
  - Tuesday, July 13.
- 75-minute final exam, worth 150 points, given on Thursday, July 29.
- Homework or quizzes, worth 100 points.
- Bonus points may be available from attendance, quizzes or other assignments. Bonus points cannot be made up.

Grading: The maximum total points available for students to earn for the course are 450. Preliminary cutoffs for the final course grade are listed below.

- 405 points (90%) guarantees an A in the course
- 360 points (80%) guarantees a B
- 315 points (70%) guarantees a C
- 270 points (60%) guarantees a D

Quizzes: Homework is assigned from every text section we cover. Quizzes are given on the homework, six times during the semester. Each quiz is worth 20 points, and your five best scores determine your homework grade. If you miss taking a quiz, that is the score that will be dropped.

Attendance Policy: It is expected that you will attend every class session, arriving **ON TIME** and staying for the entire class period. You are responsible for all material covered in class and all assignments. Twenty (20) bonus points are awarded for good class attendance:

- 0–3 absences: 20 bonus points;
- 4–6 absences: 10 bonus points;
- 7 or more absences: 0 bonus points.

Makeup exams: Makeup exams will be given only for very serious and unavoidable extenuating circumstances and **only** if you notify me before or as soon as possible after the missed exam.

Mathematics Learning Resource Center: OSU's Mathematics Learning Resource Center (MLRC), on the fourth floor of the Classroom Building, is available to help you succeed in this course. Tutoring is held in CLB 417–418 during the following hours:

- Monday through Thursday: 12:00 noon – 5:00 PM;
- Fridays: 12:00 noon – 4:00 PM;
- The MLRC is closed on weekends and on Monday, July 5 (University Holiday).

Drop Policy: The last day to drop the course with a partial fee refund is Friday, June 11. The last day to drop the course with an automatic grade of W is Friday, July 16. 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, July 23.

Syllabus Attachment: OSU's Division of Academic Affairs posts the syllabus attachment at http://osu.okstate.edu/acadaffr/aa/syllabusattachment-Sum.htm.

Academic Integrity: Oklahoma State University is committed to the maintenance of the highest standards of integrity and ethical conduct of its members. This level of ethical behavior and integrity will be maintained in this course. Participating in a behavior that violates academic integrity (e.g., unauthorized collaboration, plagiarism, multiple submissions, cheating on examinations, fabricating information, helping another person cheat, unauthorized advance access to examinations, altering or destroying the work of others, and fraudulently altering academic records) will result in your being sanctioned. Violations may subject you to disciplinary action including the following: receiving a failing grade on an assignment, examination or course, receiving a notation of a violation of academic integrity on your transcript (F!), and being suspended from the University. Carefully read the OSU policy at academicintegrity.okstate.edu.

With regard to the homework in this course, you should note that you are encouraged to form study groups and discuss the homework with classmates. However, you must write up your homework solutions *yourself*. The following are not permitted before assignments are turned in:

- 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.

Any changes in this syllabus will be communicated to you by the instructor in class or on OSU Online Classroom system at http://oc.okstate.edu

Calendar: The following is a tentative calendar for our course.

Week of	Monday	Tuesday	Wednesday	Thursday
June 7	Sec. 1.1	Sec. 1.2	Sec. 1.3	Sec. 1.4 [QUIZ 1]
June 14	Sec. 1.5/1.6	Sec. 1.7	Sec. 1.8	Sec. 1.9 [QUIZ 2]
June 21	*Review*	**EXAM 1** on Ch. 1	Sec. 2.1	Sec. 2.2
June 28	Sec. 2.3 [QUIZ 3]	Sec. 2.4	Sec. 2.5	Sec. 3.1 [QUIZ 4]
July 5	HOLIDAY	Sec. 3.2	Sec. 3.3	Sec. 3.4
July 12	*Review*	**EXAM 2** on Chs. 2–3	Sec. 4.1	Sec. 4.3 [QUIZ 5]
July 19	Sec. 4.4	Sec. 4.5	Sec. 4.6	Sec. 9.1 [QUIZ 6]
July 26	Sec. 9.3/9.4	Sec. 9.5	*Review*	**FINAL EXAM**