

## Math 172 Calculus 1, Fall 2007

Time : M~F 8:00~8:50  
Location : Bouillon 111  
Credit Hours: 5

Text : Thomas's Calculus Early Transcendentals 11th edition by Weir, Hass and Giordano, Addison-Wesley Publishing Company

Instructor : Jae-Chun Kim  
Office : Bouillon 123  
Office Phone : 963-2268

Office Hours :  
M~Th : 9:00~10:40 or by appointment  
e-mail : kimjae@cwu.edu

Calculator : A graphing calculator is required for the course.

### Course Description:

Theory, techniques and applications of differentiation and integration of the elementary functions.

### Course Objective:

At the completion of this course, all students are expected to be able to:

1. Utilize graphical, numerical, and algebraic techniques in solving a variety of problems relating to the concept of the derivative.
2. Communicate verbally and in writing one's understanding of mathematical concepts to others.

### Course Requirements:

1. Attending all classes. If however, a student has to miss a class, it will be his/her responsibility to catch up on the material before the next class meeting.
2. Completing all homework problems.
3. Participating in all quizzes and tests. If a student misses a test because of illness, the instructor must be informed without delay. Only in such cases will there be a make-up test. Problems chosen for the tests will generally be of a similar difficulty level as the assigned homework problems. There will be no retest given.
4. Participating in the comprehensive final examination.

#### Instructional Method:

Most sessions of the course are lectures and problem solving. The class will begin with discussing previously assigned homework problems followed by lectures over the day's subject. The time remaining will be used to answer and discuss questions.

#### Course Outline

This outline is tentative. There may be some changes depending on our performance and other situations.

Week 1 : Chapter 1

Week 2~4: Chapter 2

Week 5~7 : Chapter 3

Week 8~11 : Chapter 4

Final Exam : 12/7(Friday) 8:00~10:00

Grading Policy : 2 tests(200 pts), Homework/Quiz(200pts), Final(200pts)

93~ : A

90~92 : A-

87~89 : B+

83~86 : B

80~82 : B-

77~79 : C+

73~76 : C

70~72 : C-

67~69 : D+

63~66 : D

60~62 : D-

~59 : F

This syllabus is subject to modifications upon the decision of the instructor.