

MATH 1634, CALCULUS I, Section 02, Spring 2012  
COURSE INFORMATION

**Class Hour:** 12:30-1:50 MW, 12-12:50 F

**Classroom:** Boyd 303

**Instructor:** Dr. Jeong-Hyun Kang

**Course webpage:** [www.westga.edu/~jkang/1634.html](http://www.westga.edu/~jkang/1634.html)

**E-mail Address:** [jkang@westga.edu](mailto:jkang@westga.edu)

**Office and Phone:** Boyd 316, 678-839-4143

**Office Hours:** MW 12-12:30, 1:45-3:30, 6:45-7:30; F 1-3, 4-4:30

**Teaching Assistant:** Trang Duong

- E-mail Address: [tduong1@my.westga.edu](mailto:tduong1@my.westga.edu)
- Grading
- Math Tutoring Hours (at Math Tutoring Center, Boyd 205): Mon. 9-12; Thu. 1-5; Fri. 9-12

**Textbook:** Stewart, Calculus, 6th Edition, Early Transcendentals Single Variable

**Course Description** This is the first course in the Calculus sequence. Students are **assumed** to be familiar with the main concepts and ideas in Algebra and Trigonometry in Chapter 1 (though we review them briefly and quickly). We will cover chapters 1-5.

**Learning outcomes:** The student will be able

- to compute limits
- to understand  $\epsilon - \delta$  definition of limits
- to compute derivatives of polynomial, rational, exponential, logarithmic, and trigonometric functions
- to apply calculus to optimization, related rates, and curving sketch problems
- to understand the definition of the indefinite and definite integral
- to apply the Fundamental Theorem of Calculus, both I and II
- to compute the definite integrals using the techniques of integration by inspection and integration by substitution

**Homework:** Homework will be assigned almost every class. Although it will **not** be collected and graded, you are strongly encouraged to do all of the problems in order to completely master the materials studied in class, and to prepare for quizzes and exams.

**Quiz:** On Fridays, we will have 15-minute quizzes.

It usually covers the materials from the previous week. The questions on the quizzes will be mostly of the "quickie" variety which can be answered on the spot, without much calculations. If you attend the lectures and are diligent in doing the homework assignments, you should have no problems with the quizzes. **Missed quizzes cannot be made up for any reason**, and instead, **two lowest scores** will be dropped at the end of the semester: These two lowest grades include all the missed quizzes due to your being sick or going out for official university trips. If you have to miss more than two quizzes due to official university field trips, I can drop one more missed quiz but not more than that.

**Hour Exam:** There will be 4 one-hour exams. If the student has a **provable excuse** (such as an official university field trip or doctor's note) and **notify me well in advance** (at least one week earlier), then missed hour exams may be made up **prior** to the actual test date. Somebody's wedding or gathering with a boy/girl friend after several months are NOT appropriate excuses.

In case an unforeseen case occurs (such as sudden illness the day before the exam) and you cannot take an hour exam, notify me **before** the exam starts. You will not take a make-exam in this case. Instead, an appropriate part of the final exam will substitute the missing exam. This method can be applied only **one time**; you cannot fall sick whenever take hour exams.

- Exam #1 on Fri. 2/3: Ch 1 – Ch 2 (Check the detailed sections before the exam)
- Exam #2 on Fri. 2/24: Ch 3 (Check the detailed sections before the exam)
- Exam #3 on Fri. 3/16: Ch 4 (Check the detailed sections before the exam)
- Exam #4 on Fri. 4/13: Ch 5 (Check the detailed sections before the exam)

**Final Exam:** The final exam is scheduled for WEDNESDAY, APRIL 25, 11-1:30 PM

If you have a conflict, let me know within the first week of the semester.

**No make-up final!!!**

### **Grading Policy:**

- Quiz 100 points (The quiz total may be scaled to 100 points if necessary at the end of the semester.)
- Four hour exams 400 points (100 points each).
- Final will count for 200 points of the grade
- 700 points total

**Letter Grades:**  $\geq 90\%$  (630pts) A;  $\geq 80\%$  (560pts) B;  $\geq 70\%$  (490pts) C;  $\geq 60\%$  (540pts) D; below 60% F

### **Other Class Policies:**

- COMMUNICATIONS:
  - \* Homework problems will not be specified during class but will be posted only on the class-log of the course webpage at [www.westga.edu/~jkang/1634.html](http://www.westga.edu/~jkang/1634.html). Hence, it is essential for you to check the course webpage almost everyday.
  - \* Email communications regarding the course should be done only in the domain of westga.edu.
- EXAMS/GRADES:
  - \* A final answer without showing procedure won't earn any credit in quizzes or exams.
  - \* No calculator during the quizzes and the exams.
  - \* No curve!
  - \* No extra credit!
- ATTENDANCE: I don't count attendance in each class. However, if you miss weekly quizzes in a row in the beginning of the semester, your attendance will be recorded as "never attended" on BadWeb.
- CLASSROOM BEHAVIOR: You are expected not to disturb your classmate's learning.