

## Calculus II (MA 203) Spring 2009

- Instructor:** Xizhong Zheng  
Boyer, 103, email: *ZhengX@arcadia.edu*
- Office Hours:** Monday, Wednesday and Friday 3:00pm – 5:00pm  
or by appointment.
- Textbook:** “*CALCULUS, 4th Edition*” (ISBN 0-471-48482-2)  
by D. Hughes-Hallett, A. Gleason, et al, Wiley, 2005.
- Lecture:** MWF 1:30pm – 2:35pm, Boyer 114 (MA203.1)  
MWF 9:45am – 10:50am Boyer 109, (MA203.2)
- Prerequisite:** Calculus I.

**Help:** Outside-of-class help is available from me during office hours or by appointment and also from the tutors in the Math Lab in Boyer 116.

**Objectives:** In Calculus II the concepts, and techniques and applications of integration and power series will be introduced. The approach is to emphasize concepts, problem-solving, and applications and to de-emphasize routine manipulation. The students will learn to view problems numerically, graphically, algebraically and verbally and will learn to use technology to aid in the process of discovery.

**Calculators:** Each student may borrow a TI-92 calculator from the Department of Mathematics and Computer Science or may use his/her own TI-92 or 89 or Voyage 200. We will use the calculators as tools, freeing us to concentrate on problem-solving rather than on repetitive manipulative drill.

**Homework:** Homework will be assigned and collected regularly.

**Grading:** There will be three one-hour exams, a cumulative final exam, and a weekly 10-15 minutes quiz. Questions on the quizzes will be similar to the procedural problems assigned for homework and may also include definitions and statements (but not proofs) of theorems. Students who regularly do homework should find the quizzes relatively easy. The lowest quiz (but not the lowest exam) will be dropped. If you miss a quiz (with or without an acceptable excuse) that quiz will be the one which will be dropped. If you missed a second quiz and have an acceptable excuse, then your quiz grade will be calculated as the average of those you take. You may not make-up quizzes. Make-up of hour exams are at the discretion of the instructor and require prior approval and a written, acceptable medical excuse.

Grades will be based on 600 points.

Quizzes	100 points
3 one-hour exams <sup>1</sup>	300 points
Final exam	200 points
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Total possible	600 points

Points from quizzes, exams including final will be totaled. A final course grade in letter will be assigned at the end of the term according to total scores you earned, but it will be no harder than 90% - A, 80% - B, 70% - C, 60% - D

**Honesty:** Students are expected to follow principles of academic honesty. The first violation these principles will result in a zero on that quiz or exam. The second violation will result in an F for the course.

**Student-Athletes:** Student-Athletes should identify themselves the first class and then present a team schedule. Absences for games/meets (but not practices) will be treated with exactly the same policies as other excused absences.