**Instructor:** Dr. Li Guo  **Office:** 308 Smith Hall
**Phone:** 973-353-5156 ext. 30  **E-mail:** liguo@newark.rutgers.edu

**Office Hours:** Wednesday 10-11 am and Friday 1-2 pm in my office or by appointment.

**Teaching Assistant:** Mr. Guo-An Diao, 311 Smith Hall; 973-353-5156 ext. 49.

**TA’s office hours:** Tuesday 10:30-11:30 or by appointment.

**Text Book:** Varberg, Purcell & Rigdon: Calculus with Analytic Geometry, 8th edition, Prentice Hall.

**Grading Policy:** There will be one final exam (200 points), two midterm exams (100 points each) and 11 quizzes (20 points each). Your highest 9 grades from the 11 quizzes will count for the total grade. The formula of the total point is

\[
20 \text{ (attendance)} + 180 \text{ (9 Quizzes)} + 200 \text{ (2 Midterms)} + 200 \text{ (Final)} = \text{Total (600 points)}
\]

The course grade will be given on a curve based on the total point.

**Quizzes:** Eleven 20 min quizzes will be given during the semester. There will be no make-up quizzes, but the lowest two quiz grades will be dropped.

**Exams:** The exams (except the final) will be given in this classroom.

- First Exam: Friday, February 16
- Second Exam: Wednesday, April 4
- Final Exam:

Make-up exams will be allowed only in extreme situations (death in the family with a note from the dean, serious illness with a note from the doctor), and I must be notified before the scheduled exam dates. Thus the fact that you have bought a ticket home before the exam is not an excuse to take the exam earlier or later. A time conflict with another exam is not the reason for a make-up exam either. The make-up exams will be more difficult than the regular exams. There is no make-up quizzes.

**Help/Review Sessions:** Will be organized before the exams and the final as needed.

**Homework:** The homework will be assigned each week. Even though the homework problems will not be collected, they should be studied carefully. The exams and quizzes will be closely related to the homework.

**Classes:** It is the students’ responsibility to be in the class to get the homework assignments, the quiz schedules and to see what is going on. Attendance check will be given from time to time, and absence will reduce your course grade. If you have any problem about this course, please discuss it with me as early as possible. Don’t wait until the end of the semester when getting an unwanted grade and paying the tuition is usually the only solution.

**Course Outline(tentative):**

- **Chapters, Sections**  **Topics**
  - Chapter 1, §1.3-1.7  Preliminaries (reviewed as needed)
  - Chapter 2, §2.1-2.9  Functions and limits
  - Chapter 3, §3.1-3.10  The derivative
  - Chapter 4, §4.1-4.7  Applications of the derivative
  - Chapter 5, §5.1-5.8  The integral
  - Chapter 7, §7.1,3,5  Transcendental Functions

**New Policy:** Last day to drop a course is Wednesday, January 24; Last day to add a course is Friday, January 26.