

Math 243 - 910: Analytic Geometry & Calculus C

Summer 2008

Instructor: Zunlei Xiao

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Office Hours: MWF 9:00AM-10:00AM and by appointment.

Course Schedule:

Lecture: MTWRF 10:15AM - 12:15PM EWG 205

Discussion: TR 8:00AM - 9:15AM WHL 215

Prerequisites: MATH242

Textbook: James Stewart, *MATH 241,242,243, University of Delaware.*

The lectures will cover (but not be limited to) the following sections in the textbook:

Sections 12.1-12.6, 13.1-13.4, 14.1-14.8, 15.1-15.4, 15.6, 15.8, 16.1-16.5.

You will also learn some Maple commands and use them to solve problems.

Course Policies

- Attendance to class and discussion sessions is expected. Keeping up with the assigned homework is an important factor of your success in learning calculus.
- The discussion session will be synchronized with the lecture. The discussion session is your opportunity to ask questions on homework problems, concepts and techniques covered in the lectures. It is important that you come prepared.
- You may use calculators or computer softwares for in-class and homework assignments, but not on quizzes or exams.
- **No make-up quizzes or exams will be given, no late homework accepted without prior notification and a valid, documented reason.** If you have questions with your quiz or exam grade(s), please contact the instructor within 3 calendar days after you receive the grade(s).
- Respect your instructor and classmates by muting the communication devices during lecture.
- **Student Conduct:** To provide the best learning environment for all my students, I expect all my students to conduct all their scholarly activities with honesty and integrity. Students should note that in certain situations doing nothing can be dishonest. See <http://www.udel.edu/stuguide/06-7/code.html#honesty> for further discussion on basic responsibilities. Any violation will be reported to the Office of Judicial Affairs.

Homework & Quizzes

- Homework will be assigned for each section. TWO homework sets of selected problems will be collected and graded on **July 18** and **August 1**. No partial grade given to homework. Homework sets are collected at the beginning of the lecture on the due dates.
- You will have FOUR 20-minute quizzes on **July 16, July 21, July 30** and **August 4**. The quiz problems come from homework assigned. To receive the maximum credits, please show all your work, put your solution in an understandable and clear way.

Maple Projects

A “Maple Tutorial Material for MATH243” by Dr. Rakesh will be given.

Due to the tight schedule of summer session, you have to learn the Maple commands all by yourselves. NO Maple project will be assigned.

Exams

There will be THREE exams, Exams 1 & 2 are two hours long and scheduled on **July 25** and **August 8** during lecture times. Exam 3 will be a comprehensive take home final exam, the date to be announced in class.

Grades

The weight given in each part of the evaluation is as follows:

- Homework (5% each) 10%
- Quizzes (5% each) 20%
- Exams 1 & 2 (20% each) 40%
- Final exam 30%

Grades will be assigned as follows:

90 – 100% A	85 – 89% A-	80 – 84% B	75 – 79% B-
70 – 74% C	65 – 70% C-	60 – 65% D	0 - 60% F

I reserve the right to adjust this scale to improve grades if the course material proves to be unreasonably demanding.

Important Dates

- July 16, Quiz 1.
- July 17, last day to register or to add courses.
- July 18, Homework set 1 due.
- July 21, Quiz 2.
- July 25, Exam 1.
- July 30, Quiz 3.
- July 31, last day to change registration or withdraw without academic penalty.
- August 1, Homework set 2 due.
- August 4, Quiz 4.
- August 8, Exam 2.