MATH 241 Summer 2020 (Syllabus)

Meeting Information
Section: 202
Classroom Location: Online
Days and Times: Asynchronous
Instructor Information
Xinfeng Liu
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Phone: 576-5849
Office Location: LC 317Q
Office Hours: M T W TH 10:30AM to 12:10PM
Textbook
Thomas' Calculus, Early Transcendentals, Custom Edition for USC (13th edition), by George B. Thomas.

Prerequisite

A grade C or better in Math 142.

Homework and Quizzes

Homework will be assigned for each section, and will not be collected, but you are supposed to do them all. REMEMBER: the more problems you do, the better you understand the material. Students are encouraged to work together on homework sets. There will be approximately two quizzes per week, and there are two to four questions in one quiz. The quiz problems will be either the same as, or very similar to those from the homework. Thus, if a student has made a good attempt at the homework, he/she should do well on the quiz. One lowest quiz grades will be dropped from the final grade calculation.

Exams

There will be two midterm exams and a comprehensive final exam. The exams are "closed book" no books, no notes, no graphing calculators, no labtop computer or equivalent technology, etc. You may use the scientific calculator. There are no early exams. A late exam is only possible for a written legitimate documented reason.

Grades

Quizzes (20%) (one lowest quiz will be dropped)
Exam 1 (25%), Thursday, July 2, 2020
Exam 2 (25%), Thursday, July 16, 2020
Final Exam (30%), Friday, July 31, 2020

Reading

Reading the textbook **in advance** of the lecture is strongly encouraged. Benefits of this preparation include obtaining a familiarity with the termi-

nology and concepts that will be encountered (so you can distinguish major points from side issues), being able to formulate questions about the parts of the presentation that you do not understand, and having a chance to review the skills and techniques that will be needed to apply the new concepts.

Learning Outcome

The primary goal of this course is to understand "Vector Valued Functions", "Functions of Two or More Variables", and associated derivatives (partial derivatives and directional derivatives) and integrals (double integrals and triple integrals). After this course, you are also supposed to be familiar with "Line Integrals" and a big theorem "Green's Theorem", and how to use them.

Academic Dishonesty

Cheating and plagiarism in any form is not tolerated. If a student is caught cheating, I will follow the guidelines as set forth in the USC Honor Code and other University guidelines.