

Course Syllabus

MATH 142 CALCULUS II Spring 2020

Meeting Information:

- Lecture time and location: **TTH 1:15 pm - 2:30 pm, LC412**

Instructor Information

Dr. Xiaofeng Yang

Professor, Department of Mathematics

Email: xfyang@math.sc.edu

Office: LC 317C

Office Hours: TTH 11:30 am–1:00 pm or by appointment

Textbook:

Thomas Calculus, Early Transcendentals, 13 th edition

Learning Outcomes:

Students will master concepts and solve problems involving methods of integration, sequences, series, and approximations.

Prerequisites:

C or better in Math 141 or qualification on placement exam.

Chapters Covered:

Chapter 8: 8.1, 8.2, 8.3, 8.4, 8.5, 8.7, 8.8

Chapter 10 10.1-10.10

Chapter 11: 11.1-11.5

Grades

Quizzes (10%)(drop 2 lowest scores)

Maple lab (5%)

Gateway exam (10%)

Exam 1 (15%)

Exam 2 (15%)

Exam 3 (15%)

Final (30%)

90-100:A; 86-89:B+; 80-85:B; 76-79:C+; 70-75:C; 66-69:D+; 60-65:D; 0-59:F

Homework and Quiz

Homework will be assigned weekly (usually Thursday or Friday), on the **course website** www.math.sc.edu/xfyang/teaching_index.html. Although homework will **not** be collected, 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 one quiz per week in Thursday's class, and no quiz during the exam weeks. There are 2-5 short questions in one quiz and around 10-25 minutes (subject to change with the difficulty). Two lowest quiz grades will be dropped from the final grade calculation.

Exams

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There will be three midterm exams and a comprehensive final exam. The exams are "closed book" with no books, no notes, no graphing calculators, no laptop computer or equivalent technology, etc. Picture I.D. is required and must be presented upon request. *There are no early exams or make up exams.* A late exam is only possible for a written legitimate documented reason like doctor's excuse and Chair or Dean's approval in advance.

Important: The final exam is mandatory, no pre-exam and no makeup for ANY reasons or excuses.

Calculators

Calculators are not allowed during tests or quizzes. However, calculators(/computers) are useful learning devices and you are encouraged to use them outside of class to explore the material and check your answers.

Maple Lab

The Maple Lab will be run by the teaching assistant. TA will give you more information about it.

Attendance and Academic Honesty

Attendance at every class meeting is important and expected. By statistics, students may miss up to 10% of the class meetings (around 4 times) can have their grades lowered. Anyone caught cheating or turning in work that is not their own will be dealt with according to University policies.