

Calculus II, Math 142 Sec 010, Spring 2011

Course Times: Tuesday and Thursday 8-9:15 AM, LC 310 (Lecture)
Monday 9:05-9:55 AM, LC 102 (Maple Lab)
Friday 9:05-9:55 AM, LC 121 (Recitation)

Instructor: John Webb, Email: webbjj3@email.sc.edu
Office: LC 122A
Recitation and Maple Lab will be handled by Nathan Faulkner (faulkne@email.sc.edu).

Office Hours: Tuesdays: 10 AM - Noon in LC 105, Wednesdays: 11 AM - Noon in LC 122A, Thursdays: 9:30-10:30 AM in LC 122A, or by appointment.

Text: James Stewart, *Calculus: Early Transcendentals, 6th ed.* Cengage Learning.
We will cover parts of chapters 5, 6, 7, 11 and possibly 10.

Learning Outcomes: A student who successfully completes Calculus II (MATH 142) should continue to develop as an independent learner with the ability to approach problems from a conceptual viewpoint, to utilize more than one idea in a single problem, and to apply appropriate calculus skills to problems in context. In particular, the successful student will master concepts and gain skills needed to solve problems related to: techniques and applications of integration, convergence of sequences and series, and the theory and applications of Taylor series and polynomials.

Important Dates: The last day to withdraw with no record is Friday, Jan. 14. The last day to drop without a **WF** is Monday, Feb. 28.

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

Grades: Grades will be weighted as follows:

Quizzes	100 points
Tests	3×100 points
Final Exam	150 points
Maple Lab	100 points
Total	<hr/> 650 points

Course grades will be calculated by: A: 585+ points, B+: 553-584 points, B: 520-552 points, C+: 488-519 points, C: 455-487 points, D+: 423-454 points, D: 390-422 points, F: ≤ 389 points.

Homework: Homework will be assigned at each lecture, but **will not** be collected. The problems assigned should be considered the bare minimum to understand the material. It is your responsibility to take the necessary time outside of class to master (and not just do) the homework problems. I encourage you to work together outside of class. Please take full advantage of my office hours to ask questions and the math tutoring lab will be open throughout the term to provide help.

Quizzes: Quizzes will be given weekly on Fridays and will be based on the homework problems assigned. At the end of the term, only your top 10 quiz grades will be used in your grade.

Exams: There will be 3 exams tentatively scheduled for early February, early March, and early April. The final exam time will be Friday, April 29th at 9AM; it will be cumulative and required.

There will be NO make-ups for tests or quizzes.

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

Attendance: It is USC's policy that students missing more than 10% of class meetings can have their grade lowered. Roll will be taken at the beginning of each lecture and anyone not in class at that time will be considered absent.

Maple Lab: The Maple Lab on Monday mornings will be run by Nathan Faulkner. He'll give you more information when you meet with him.

Academic Honesty: Anyone caught cheating or turning in work that is not their own will fail the course.

If you have any other questions or there are any other circumstances that you would like for me to be aware of, please feel free to come and speak with me.