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Office hours: Erin Tu 1:00-2:00 Wed 4:15 - 5:15 Sava Mo 2:00-3:00, Th 2:00-3:00

Textbook: Calculus: Concepts and Contexts (3rd edition); by James Stewart; 2005, Thomson Brooks/Cole publishers

Class website: <http://courses.ncsu.edu/ma141/lec/007/>

Objective: This course (along with Calculus II, to follow), is designed to introduce you to the basic ideas of calculus. We shall focus on developing skills in routine manipulations, understanding the principles of calculus, and learning to apply them to new, practical situations. Although you may already have some familiarity with calculus from high school, you may find that in this course the pace, emphasis and expectations are different and the work more challenging. This course demands a considerable amount of effort. Our pace will not be slow, so manage your time well and try not to fall behind. Above all, do see me right away if you are experiencing difficulties.

Syllabus: First of three semesters in a calculus sequence for science and engineering majors. Functions, graphs, limits, derivatives, rules of differentiation, definite integrals, fundamental theorem of calculus, applications of derivatives and integrals. Use of computation tools. More details on the week-by-week schedule.

Lectures: During the lectures new material will be covered. Emphasis will be placed on development of concepts and ideas from common-sense investigations and on working examples. Although the class is large, you are strongly encouraged to ask questions, as there are probably others who are wondering the same thing you are.

Attendance: Required and taken daily. No distinction between excused and unexcused absences. Doing other work in class, socializing, sleeping, text messaging, leaving early is recorded as absent. If you miss no more than 5 days AND attend every test, I will replace your lowest test grade with your final exam grade (assuming it is higher).

Tests/Exams: There will be **four tests** during the semester and a **comprehensive final exam**. All tests are closed book/notes. You are not allowed to bring calculators and/or computer algebra systems such as Maple to the tests.

The dates of the tests are Friday September 14, Monday October 8, Friday November 2, Friday November 30.

Final Exam Date: Friday, December 14

Missed tests/quizzes: There will be NO makeup tests/exams/quizzes. If you miss a test/final exam without a valid excuse, a zero will be averaged into your grade. If you are forced to miss a test/final exam, an excuse from a doctor or other appropriate authorities must be presented. If the excuse is accepted, your other course work will be adjusted so that you will not be penalized.

Homework: All homework assignments should be submitted through WebAssign. Your priority should be understanding the problems and if you have questions, you are encouraged to be formulate them during lectures or office hours. You are responsible for completing each WebAssign homework by the deadline posted on the assignment. No extensions of WebAssign will be given when the request is made after the deadline. Travel plans cannot be considered as a reason for webassign extensions. See <http://webassign.ncsu.edu> for homework questions and due dates.

Maple Assignments: MAPLE is a computer algebra system (CAS) that can be used to solve algebra and calculus problems. There will be **6 Maple assignments** that must be completed throughout the semester. Assignments, dates, and other information can all be found at <http://math.ncsu.edu/calculus>.

Quizzes: There will be 4 **unannounced** quizzes given throughout the semester. The quizzes will typically last 10-15 minutes, will cover the material from the previous week, and will consist of a few short, computational problems. If you miss a quiz without a documented excuse, you will receive a zero and will not be allowed to make the quiz up.

Grading:	50% Tests	25% Final Exam	12% WebAssign	9% Maple	4% Quizzes
98-100 A+, 92-97 A, 90-91 A-, 68-69 D+, 62-67 D, 60-61 D-,		88-89 B+, 82-87 B, 80-81 B-, 0-59 F		78-79 C+, 72-77 C, 70-71 C-, (the system +/- will be used)	

The responsibility for grading tests resides with the teaching assistants (TAs). If you believe an error has been made in grading, bring it to the TA who did the grading during his or her office hours. If you believe that you should have gotten more points than you received, write a statement making your case and take it to the TA. If you are not satisfied with the TA's decision, bring the statement to your course instructor, who will make the final decision.

Contesting Grades and Retrieving Graded Work: If you wish to contest a graded exam or quiz, you must speak to your instructor within **one week** of the date the assignment is first returned in class. After this deadline, the grade will be final. Also, if your work is not picked up within one week of the date the assignment is returned in class, you forfeit all rights to contest the grade.

Multimedia Center: The math department's multimedia center is located in Harrelson 244. Videotapes and DVDs of lectures for this course from previous semesters are available for viewing. These lectures are also available online. Additionally, free tutoring from mathematics graduate students is available; no appointment is necessary.

Students with Disabilities: Reasonable accommodations will be made for students with verifiable disabilities. Instructor must have paperwork well before testing begins. In order to take advantage of available accommodations, students must register with [Disability Services for Students](#). For more information on NC State's policy on working with students with disabilities, please see the [Academic Accommodations for Students with Disabilities Regulation](#).

Academic Integrity Statement: Academic dishonesty will not be tolerated. Academic dishonesty includes the giving, taking, or presenting of information or material by a student with the intent of unethically or fraudulently aiding oneself or another person on any work which is to be considered in the determination of a grade or the completion of academic requirements. More specific definitions are set in the [NCSU Code of Student Conduct](#). The honor pledge: "I have neither given nor received unauthorized aid on this test or assignment".

Evaluations: Online class evaluations will be available for students to complete during the last two weeks of class (November 26-December 9). Students will receive an email message directing them to a website where they can login using their Unity ID and complete evaluations. All evaluations are confidential; instructors will never know how any one student responded to any question, and students will never know the ratings for any particular instructors.

Evaluation website: <https://classeval.ncsu.edu> Student help desk: classeval@ncsu.edu
More information about ClassEval: <http://www2.acs.ncsu.edu/UPA/classeval/index.htm>