

Analytic and Geometric Calculus 1
Math 131 Section 04
Spring, 2018

Instructor: Dr. Antara Mukherjee Phone: 953-7389
Office: Thompson Hall 323 Email: antara.mukherjee“at”citadel.edu

Schedule: Math 131-04, MTWRF 1:00-1:50 Thompson Hall 216.

Instructor’s Office Hours: MTWRF 9:00-10:00am, WF 2:00-3:30pm . You can also email me for an appointment in case the time slots given above do not suit your schedule.

Textbook: *Calculus, Early Transcendentals - 8th Edition by James Stewart*

Course Description: The goal of the course is to provide students majoring in mathematics, mathematics education, computer science, engineering, and sciences the opportunity to acquire an understanding of the concepts and applications of calculus for use in science and engineering courses and in more advanced mathematics courses.

Calculator: You will be allowed to use a TI-83 Plus, TI-84 or TI-89 calculators for parts of this course.

Gateway Exam Policy: Every student is required to pass a online Derivative Gateway Test given by the department and this will count as 10% of your course grades.

The gateway exam contains 7 problems of differentiation. To pass the gateway exam, it is required to have perfect scores (100 percent correctness) on 6 of 7 problems. Each student can take as many times as he/she needs at the scheduled hours.

More information about the Gateway Exam will be announced in class at a later date.

Grading Policy: The final grade for this course is based on the following,

- There will be four in-class exams worth 100 points each, the dates for these tests are mentioned below. These exams will account for 40% of the final course grade. **No makeup exams will be offered under any circumstances.**
- Homework assignments will be assigned regularly via WebAssign, you will be required to complete the homeworks on time to earn full credit for them. The homework assignments will account for 10% of the final course grade. Your class key for WebAssign is: **citadel 4451 5067**
- Hand-in homework (10% of the final course grade) will also be assigned each week. The HW for each week will be posted on CitLearn. The homework you hand in is required to be written legibly and should clearly state the following (1) the problems, (2) the steps used to solve the problems, and (3) final results.
- There will be quizzes almost every week. These quizzes will be given in class on Thursday of each week. **No makeup quizzes will be offered under any circumstances.** The quizzes will account for 10% of the final course grade.

- Class attendance is mandatory, a total of 9 absences will result in a letter grade of F. If you are late by 15 minutes or more, it will be considered as an absence.
- The final exam will be comprehensive and worth approximately 200 points. The schedule for the final exam is given below. The final exam will account for 20% of the final course grade.
- I may drop the lowest of all Home work scores and the lowest of the quiz scores, this will depend on the number of these assigned during the semester. I will decide about this at the end of the semester.

Make-up policy: If you miss an exam or a quiz with an acceptable excuse (I determine what “acceptable” means.) I will give you a make-up exam or a make-up quiz, but it may be harder than the regular exam. If you see that you will need to miss an exam due to an upcoming event let me know and we might be able to make arrangements for you can take the exam early. **Guard duty is not an acceptable excuse for missing an exam or a quiz.**

Extra Credit: You can earn extra credit for this course as follows. Extra credit will only help if your grade is on the borderline. Do not expect me to improve your grade if your grade is not on the borderline or you are obviously failing the class.

- Someone will organize Problem of the Week. You will receive 2 bonus points for each problem that you correctly work.
- I will give you extra credit problems as Home work from time to time also, in some of the exams, I may give you extra credit problem(s).

Disability: Any student in this course who has a disability that may prevent him or her from fully demonstrating his or her abilities should contact the instructor personally as soon as possible so that necessary accommodations can be made to ensure full participation and to facilitate educational opportunities.

Other Policies:

- Use of cell phones to send or receive text messages, send or read email, or to access the web is not permissible during a class, a quiz or an exam.
- Students are not allowed to eat, drink or chew tobacco in any of the classrooms. You are allowed to bring nothing but a bottle of water to class.
- If a student sleeps in class they will be be warned a couple of times and then marked absent the third time it happens.

Academic Misconduct: All work submitted for an individual grade, including homework and project, should be the work of that single individual, and not their friends, nor their tutor. It is your responsibility to be familiar with the policies mentioned in The Honor Manual of The Citadel. Ignorance of these policies is not an excuse for violating them.

Important Dates:

Fri Feb 2nd	Exam 1
Fri Feb 23rd	Exam 2
Fri March 9th	Exam 3
Fri April 13th	Exam 4
Thu April 26 (1pm)	Final Exam