

# Analytic and Geometric Calculus 2

Math 132 Section 04

Spring, 2018

Instructor: Dr. Antara Mukherjee

Phone: 953-7389

Office: Thompson Hall 323

Email: antara.mukherjee“at”citadel.edu

Schedule: Math 132-04, MWF 10-10:50 AM Thompson Hall 203, R 10-10:50 AM Thompson Hall 303 .

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: The use of a TI-83 Plus, TI-84 or TI-89 calculator is allowed for a few selected topics of this course.

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

The gateway exam contains 7 problems of integration that will have to be solved in 30 minutes. To pass the gateway exam, it is required to have perfect scores (100 percent correctness) on 6 of 7 problems. Each student can take the exam as many times as needed over the course of the semester to pass it, but no more than three times a day. They should take the exams in the Academic Support Center (TH 117), and remember to sign in and sign out before and after taking the exam.

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 48% of the final course grade. No makeup exams will be offered under any circumstances.
- Homework assignments will be assigned regularly via WebAssign. The homework assignments will account for 12% of the final course grade. The class key for WebAssign is: **citadel 3826 5407** . Assignments will have to be completed on time. If there is an exceptional reason (an illness etc) for me to extend the deadline, there will be some deduction of points based on how late the HW is.
- Hand written homework will be assigned and collected to be graded at the end of each week. These will account for 12% of the grades. All the HWs can be

found posted in CitLearn. No late assignments will be accepted. If there is an exceptional reason (an illness etc) for me to accept the HW late, points will be deducted depending on how late the HW is.

- Class attendance is mandatory, a total of 9 absences will result in a letter grade of F. If a student is late by 15 minutes or more, it will be considered as an absence. Guard duty is not an acceptable excuse for missing a class.
- 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 18% of the final course grade
- I may drop the lowest of all Home work scores (both written and online). I will decide about this at the end of the semester.

Make-up policy: If a student misses an exam with an acceptable excuse (I determine what “acceptable” means.) I will give a make-up exam, but it may be harder than the regular exam. If there is an upcoming Citadel sporting event on the day of the exam that a student has to attend, they should let me know and there may be arrangements I can make for the student to take the exam early, if I am informed well in advance. Guard duty is not an acceptable excuse for missing an exam.

Supplemental Instruction: Students are encouraged to attend at least one SI (Supplemental Instruction) session per week where they will receive help to complete their written, online assignments. Students should sign in and out of these sessions and they should stay on for at least a half hour to get extra credit for these sessions. The schedule for the SI sessions will be announced as soon as it is finalized.

Extra Credit: Students can also earn extra credit for this course by solving the Problem of the Week problems. I will decide how the extra credit will help the grades later on. Extra credit will only help if the grade is on the borderline.

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, only a bottle of water to can be brought to class.

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 the student’s 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 February 9th	Exam 1
Fri March 2nd	Exam 2
Mon March 26th	Exam 3
Fri April 20th	Exam 4
Mon April 30 (1:00pm)	Final Exam