

<p style="text-align: center;">Mathematics 132-04: Analytic Geometry and Calculus II The Citadel Spring 2017</p>

Course Description

Applications of the integral, transcendental functions, techniques of integration, series and sequences of real numbers, Taylor series, and power series.

Instructor: Dr. Breeanne Swart
Office: TH 328
Email: breeanne.swart@citadel.edu
Telephone: 953-5048
Office Hours: MWF 9-10am,
MW 1-2pm,
or **by appointment**

Text: Calculus Early Transcendentals, 8th Ed. James Stewart
Calculator: A TI-83 Plus, TI-84, or TI-89 is recommended.
Lectures: MWRF 10:00-10:50am
Room: LET 309

You are encouraged to take advantage of my office hours. For additional guidance, the Math Lab offers drop in tutoring, small group tutoring, and large group tutoring. The Math Lab is open Mon-Thurs 1-4pm in TH 107 and Sun - Thurs 7-10pm in TH 203. Additionally, there will be a calculator workshop for TI 83/84 and TI 89. Fliers are posted throughout Thompson Hall.

Gateway Exam

The gateway exam will be 10% of your final grade. The gateway exam contains 7 problems on integration. To pass the gateway exam, it is required to complete at least 6 problems perfectly. This means if you get 5 or fewer problems correct, you will have 0% as part of your final grade. The gateway exam can be taken as many times as necessary up to three times a day during the scheduled hours. More information will be announced during class at a later date. If you have accommodations for exams, they apply to the Gateway exam. Please see me for details.

Attendance

You will be accountable for attendance and tardiness. If you miss 20% of scheduled classes, you may receive an F. I encourage you to ask questions at any time if you need me to clarify something for you. I will always try to make some time at the beginning of class to answer

any questions you may have about previous lectures or homework problems. Please come to class prepared. That means you need to read the section **before** the lecture in which it will be covered. **No cell phones**, laptops, or other electronic devices are to be used during class. If I see a cell phone in use, I will confiscate it for the duration of class.

Clickers

We will be using i>clickers in class. You are expected to bring your i>clicker to every class and to answer every question to the best of your ability. You will need to register your i>clicker online through CitLearn. On the course home page, you will find a module to register your i>clicker. Enter your Remote ID, which is 8 characters and on the back of your remote, into this module. If the ID has worn off, you can look behind the battery for the ID. If there is no ID there, see me.

Course participation will be based on usage of the i>clicker. You will receive a point for every day that you appropriately answer at least 75% of the questions.

Homework

Homework will be online through WebAssign (www.webassign.net). You have access to the ebook through this website. To register, you need an access code purchased through the bookstore or online and the class key: **citadel 3420 3650**. Assignments will be due at 11:59pm the night before the next class. Late homework will not receive credit.

There will be written homework assignments due about once a week (usually Wednesdays). These assignments will be posted on CitLearn. It is your responsibility to regularly check CitLearn for these assignments and to know the due dates.

Projects

There will be two projects throughout the semester. Each will be completed as a group of three. You must chose **different** partners for each project. That means you can work with someone **at most once**. Projects will be completed outside of class. **NO late projects will be accepted**. If you are having issues, you need to speak with me **BEFORE** the due date.

Exams

There will be four 50-minute exams given during regular class time and a cumulative final exam. They are scheduled as follows:

Exam 1	Wednesday, February 1
Exam 2	Wednesday, February 15
Exam 3	Monday, March 6
Exam 4	Friday, March 24
Final Exam	Wednesday, April 26 1-4pm OR Friday, April 28 1-4pm

Make-Up Policy

In order to be considered for a make-up exam, the following rules hold:

1. Severe personal illness or emergency/death in the immediate family.
2. The instructor must be notified **prior** to the exam.
3. Ample documentation of circumstances is required.

Note that optional events and guard duty are **not** valid excuses for missing an exam.

Grades

Your grade for this course will be based on a total of 1200 points.

Online Homework	100 points	Course Grading Scale		
Written Homework	100 points	Grade	Points	Percent
Participation	100 points	A	1080-1200	90-100
Projects	80 points	B	960-1079	80-89
Exam 1	100 points	C	840-959	70-79
Exam 2	100 points	D	720-839	60-69
Exam 3	100 points	F	0-719	0-59
Exam 4	100 points			
Final Exam	300 points			
Gateway Exam	120 points			

Communication

You are expected to check your Citadel email regularly. You are expected to check CitLearn regularly for additional announcements and class materials.

Accommodations for students with disabilities

If you anticipate issues related to the format or requirements of this course, please meet with me. I would like us to discuss ways to ensure your full participation in the course. If you determine that formal, disability related accommodations are necessary, it is very important that you register with the Academic Support Center (117 Thompson Hall, 843-953-1820) and notify me of your eligibility for reasonable accommodations. We can then plan how best to coordinate your accommodations.

Schedule

This schedule is tentative and subject to change.

Day	Date	Topic	Notes
W	Jan 11	4.9/5.3	
R	Jan 12	5.5	
F	Jan 13	7.1	
M	Jan 16		NO CLASS – MLK Day
W	Jan 18	7.1	Project 1
R	Jan 19	7.2	
F	Jan 20	7.2	
M	Jan 23	7.3	
W	Jan 25	7.3	
R	Jan 26	7.4	
F	Jan 27	7.4	
M	Jan 30	Gateway	
W	Feb 1	Exam 1	
R	Feb 2	6.1	
F	Feb 3	6.1	Project 1 due
M	Feb 6	6.2	
W	Feb 8	6.3	Project 2
R	Feb 9	6.4	
F	Feb 10	6.5	
M	Feb 13	Gateway	
W	Feb 15	Exam 2	
R	Feb 16	4.4	
F	Feb 17	7.8	
M	Feb 20	7.8	
W	Feb 22	7.7	Project 2 due
R	Feb 23	7.7	
F	Feb 24	8.1	
M	Feb 27	8.2	
W	Mar 1	8.2	
R	Mar 2	8.3	
F	Mar 3	Gateway	
M	Mar 6	Exam 3	
W	Mar 8	11.1	
R	Mar 9	11.1	Midterm grades due
F	Mar 10	11.2	
M	Mar 13	11.2	
W	Mar 15	11.3	Last Day to Withdraw with “W”
R	Mar 16	11.4	
F	Mar 17		NO CLASS – LEADERSHIP SYMPOSIUM

Day	Date	Topic	Notes
M	Mar 20	11.5	
W	Mar 22	11.6	
R	Mar 23	Chart	
F	Mar 24	Exam 4	
M	Mar 27		SPRING BREAK
T	Mar 28		SPRING BREAK
W	Mar 29		SPRING BREAK
R	Mar 30		SPRING BREAK
F	Mar 31		SPRING BREAK
M	Apr 3	11.8	
W	Apr 5	11.9	
R	Apr 6	11.10	
F	Apr 7	11.10	
M	Apr 10	10.1	
W	Apr 12	10.1	
R	Apr 13	10.3	
F	Apr 14	10.3	
M	Apr 17	10.2	
W	Apr 19	10.2/10.4	
R	Apr 20	10.4	
F	Apr 21	10.5	Gateway exam closes at 5pm
M	Apr 24	Review	
W	Apr 26	1-4 pm	FINAL EXAM
F	Apr 28	1-4 pm	FINAL EXAM