

<p style="text-align: center;"><b>Mathematics 132-01 &amp; -02: Analytic Geometry and Calculus II</b> The Citadel Fall 2014</p>
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### Course Description

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

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**Instructor:** Dr. Breeanne Swart  
**Office:** TH 328  
**Email:** breeanne.swart@citadel.edu  
**Telephone:** 953-5048  
**Office Hours:** MTW 1:30-3:00pm,  
F 11:00-11:50pm,  
or **by appointment**

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**Text:** Calculus Early Transcendentals, 7th Ed. James Stewart  
**Calculator:** A TI-83 Plus, TI-84, or TI-89 is recommended.  
**Lectures:** 01 – MTWF 8:00-8:50am; 02 – MTWF 10:00-10:50am  
**Room:** TH 303

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**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. For Fall 2014, 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 on Wednesday, September 3 for TI 83/84 and Thursday, September 4 for TI 89 from 8:15-9:15pm in TH 303. 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.

### 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.

### 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 answer at least 75% of the questions.

### Homework

Homework will be online through WebAssign ([www.webassign.net](http://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 9146 5765**. Assignments will be due at 11:59pm the night before the next class. Late homework will not receive full credit. More information about registering for WebAssign can be found on CitLearn.

There will be written homework assignments due about every other section. These assignments will be posted on CitLearn. It is your responsibility to regularly check WebAssign 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**. You may chose partners from either Math 132 course. 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:

<b>Exam 1</b>	Friday, September 12
<b>Exam 2</b>	Monday, September 29
<b>Exam 3</b>	Tuesday, October 21
<b>Exam 4</b>	Friday, November 21
<b>Final Exam</b>	Saturday, December 13 8-11am OR 1-4pm

## Make-Up Policy

**Exams:** 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	<b>Course Grading Scale</b>		
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	Aug 27	4.9/5.3	Project 1
F	Aug 29	5.5	Project 1 groups due
M	Sept 1	6.1	
T	Sept 2	6.1	Drop/Add Ends
W	Sept 3	6.2	
F	Sept 2	6.3	
M	Sept 8	6.4	
T	Sept 9	6.5	
W	Sept 10	Review	Project 1 Due
F	Sept 12	Exam 1	
M	Sept 15	7.1	
T	Sept 16	7.1	
W	Sept 17	7.2	
F	Sept 19	7.3	
M	Sept 22	7.3	
T	Sept 23	7.4	
W	Sept 24	7.4	
F	Sept 26	Review	
M	Sept 29	Exam 2	
T	Sept 30	4.4	Project 2
W	Oct 1	7.8	Project 2 groups due
F	Oct 3	7.8	
M	Oct 6	7.7	
T	Oct 7	7.7	
W	Oct 8	8.1	
F	Oct 10	8.2	Parents' Weekend
M	Oct 13	8.2	
T	Oct 14	8.3	
W	Oct 15	8.3	
F	Oct 17	8.4	Project 2 Due
M	Oct 20	Review	
T	Oct 21	Exam 3	
W	Oct 22		Leadership Day – NO CLASS
F	Oct 24	11.1	
M	Oct 27	11.1	
T	Oct 28	11.2	
W	Oct 29	11.2	
F	Oct 31	11.3	Happy Halloween!

Day	Date	Topic	Notes
M	Nov 3	11.4	
T	Nov 4		Election Day – NO CLASS; Last day to drop with W
W	Nov 5	11.5	
F	Nov 7	11.5	
M	Nov 10	11.6	
T	Nov 11	11.8	
W	Nov 12	11.9	
F	Nov 14	11.10	
M	Nov 17	11.10	
T	Nov 18	11.11	
W	Nov 19	Review	
F	Nov 21	Exam 4	
M	Nov 24		Fall Break
T	Nov 25		Fall Break
W	Nov 26		Fall Break
F	Nov 28		Fall Break
M	Dec 1	10.1	
T	Dec 2	10.1	
W	Dec 3	10.3	
F	Dec 5	10.3	
M	Dec 8	10.4	
T	Dec 9	10.4	
W	Dec 10	Review	
Sa	Dec 13	Final Exam	8-11am OR 1-4pm