

Math 2215-004, Calculus I, Spring 2020

Instructor: Dr. Brandy Rapatski  
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Office Hours: M/W: 2:10-3:30  
                  T: 11:20-12:20  
                  Other by appointment  
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Lecture: MWF 12:45-2:00, C004  
          T 12:30-2:20, C001

**Text:** Calculus, Early Transcendental Functions by Larson & Edwards 7<sup>th</sup> Edition.

**WebAssign:** We will be using WebAssign this semester. WebAssign is mandatory for this course. **Class Key:** stockton 3533 2076- Go to [www.webassign.net](http://www.webassign.net) and click on “I have a class key”. Enter this key to get access to our course. (“stockton” is part of the class key.)

**Learning Goals:**

1. Understand the fundamentals of Calculus I including limits, differentiation and integration.
2. Explain the meaning and purpose of derivatives and integrals.
3. Apply skills learned to solve real-world problems.
4. Ability to follow proofs and other mathematical discourse
5. Explain significance of Calculus to your discipline and the world around you.

**Topics covered in this course include:**

Chapter 1: Review  
Chapter 2: Limits and Continuous Functions  
Chapter 3: Differentiation  
Chapter 4: Applications of Differentiation  
Chapter 5: Integration  
Chapter 6: Differential Equations

**Calculators:** I encourage you to bring a graphing calculator (recommended TI-83, TI-83 plus, TI-85 and TI-86) to class. Calculators will **not** be allowed during tests and quizzes.

**Homework:** Homework problems are assigned through WebAssign. There will be an assignment for each section we cover. There will be due dates listed for each assignment. Late assignments will not be accepted, but the lowest homework grade will be dropped. Please contact your TA for any questions regarding WebAssign. DO NOT send a message through WebAssign, but contact directly (frankl24@go.stockton.edu).

**Quizzes:** Short quizzes will be given weekly. All quizzes will be announced (no pop-quizzes) and will be given at the beginning of class. If you are late you will have missed the quiz. Each quiz covers the material from the last quiz/test. No make-up quizzes will be given, but your lowest quiz score will be dropped.

**Class work:** During some classes you will be given problems to work on in groups. Although you may work together each person is required to hand in their own solutions. These will be graded. If you miss class, you will miss that day's work. No make-ups will be given, but your lowest score will be dropped.

**Class Etiquette:** Please silence your cell phones during class!

**Skills Center:** Located in J-105, provides peer tutoring to all students at Stockton enrolled in mathematics and science courses. Any Stockton student can drop in to receive help in their classes. No appointments are necessary.

**Attendance:** You are expected to arrive on time and stay for the duration of our class meeting. You are responsible for everything covered in class, including lecture notes and announcements.

**Tests and Final Exams: (Tentative Dates)**

Exam 1	February 25
Exam 2	March 24
Exam 3	April 21
Final Exam	May 6 (12:45-2:45)

**No make-up exams will be given without proper documentation.**

<b>Course Grading:</b>	WebAssign Homework	10%
	Exam 1, 2 & 3:	15% each
	Quizzes & Classwork:	20%
	Final Exam:	25%

<b>Grading:</b>	A, A-	90-100
	B+, B, B-	80-89
	C+, C, C-	70-79
	D+, D, D-	60-69
	F	less than 60

**Important Dates:**

March 16-20	Spring Break – NO CLASSES
March 31:	Preceptorial Advising – NO CLASSES
April 8:	Preceptorial Advising – NO CLASSES until 3:35
April 9:	Deadline to withdraw from a full-term course with a W grade

*Note: This is a Q1 course. It has mathematical thinking as the main focus. The majority of the course is spent on quantitative/mathematical concepts and procedures. Mathematics is part of every class session and is a major criterion for evaluating your performance in the course.*