

MATH 5A – CALCULUS
MTThF 11:15 a.m.-2:40 p.m. ~ Room R321 ~ CRN 10148
Winter 2017
Kathleen Hogue

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WEBSITE: <http://www.pccmath.com> This is where you will find most of the information you need for this course. Please check here before emailing me.

Note on Winter Intersession: THIS MAY NOT BE THE COURSE FOR YOU!

*You may have chosen winter intersession to get through this course quickly, but you must be willing to pay the price. We work at **3 times the pace** of a regular semester. I expect you to not only be in class, participating, 3.5 hours per day, but also to spend 4-8 hours per day on homework. You will be tempted to rush through your homework but you really need to spend time thinking about the processes you are learning. That does not leave much time for anything else. Also note: During the winter session, I do not hold office hours. I strongly recommend you form study groups and make use of the Math Success Center.*

Text: STEWART, Calculus, 8th Ed. Chapters 1-5.

This book is sold in different versions so be sure to get the correct one (not the Early Transcendentals Version). I discourage using a different version because the problem sets are slightly different and the page numbers are not the same. I do NOT use Webassign in my course so you do not need to purchase a code.

Attendance: Daily attendance is required. Excessive absences or tardiness may affect course grade. Ten hours of absence constitutes basis for dismissal from the course. Students missing class are responsible for finding out what they missed and what is due. This information is updated daily on my [announcement page](#) (not canvas)

Personal Conduct

You are expected to be actively involved in your education. This includes being alert in class and participating in class discussion. A good attitude on your part makes the class much more enjoyable. **It is expected that you refrain from any activities that could be distracting to your classmates or to me. This includes talking, texting, sleeping, being tardy, etc.. Electronic devices such as computers and phones should be turned off and put away in class.** Children or friends not enrolled in the class may not accompany you to class. Students caught cheating may be given an F in the course and reported to the Dean of Students. During exams, if you even TOUCH your phone, you get an F. **You are required to carry your PCC student ID at all times. I may request to check it at any time.**

Calculator Usage: A scientific calculator is required. Graphing calculators will not be used in this class.

Homework/Quizzes: Homework will be assigned and collected daily. Please note: no late homework will be accepted even if you are absent. If you know you are going to be absent, you may turn in your assignment early or have a friend turn it in. **To compensate, you all get 10 extra homework points to start which allows you to miss 2 assignments if needed for absences etc.**

- See [Homework Expectations](#) for more information on what I expect on your homework

Exams:

- Exams will most likely be given Tuesdays of week 2-5 and will cover all material discussed the previous week.
- A final exam will be given Thursday, February 16. This exam will be two hours long and will cover all course material.
- No Make-up exams. If you know ahead of time that you will be absent on the day of exam, it is sometimes possible to arrange to take it early. Students missing an exam for a valid reason will have the score on the final exam replace the missing score.

Grading : Grades will be determined based on the following percentages:

Homework	10 %
Tests	60 %
Final exam	30 %.

Letter grades will be given based on the following percentages

90-100%	A
80-89%	B
70-79%	C
60-69%	D
below	F

Important dates:

No School: Monday January 16, Friday Feb. 17.

Last day to drop with W: Feb 7.

Student Learning Outcomes:

Upon successful completion of the course, the student will be able to:

SLO #1. Demonstrate understanding of the rigorous definition of the limit, and use limit laws and appropriate theorems to compute limits.

SLO #2. Demonstrate understanding of continuity and related properties and theorems.

SLO #3. Use the definition and apply the properties and theorems of differentiation and integration to calculate derivatives and integrals.

SLO #4. Demonstrate understanding of the relationship between differential and integral calculus via the Fundamental Theorem of Calculus.

SLO #5. Solve various application problems, including graphing functions, using calculus techniques.