

Math 172: Calculus 1, Spring 2018

Section 1: Mon—Fri, 9:00 – 9:50, Bouillon 110

Professor Peter Klosterman

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Office Hours: Mon – Fri 11:00 – noon (*If you have a conflict with this time, email or talk to me*)

Text: *Calculus, 3rd Edition (Early Transcendentals)* by Rogawski and Adams, ISBN-13: 978-1-319-05341-3

Course Topics: Theory, techniques, and applications of differentiation of elementary functions. Specifically, we will look at limits and continuity of functions, derivatives of functions, and then use derivatives to better understand graphs, find maxima and minima, and model situations (chapters 2 through 4 from the textbook).

Exams: There will be 3 midterm exams throughout the quarter. Final exam is Thursday, June 7th, 8:00 – 10:00 AM. All exams are closed book, no calculator. Your final exam score can be used to replace your lowest midterm score (if it is beneficial to do so).

Makeup Exams will be given only in extreme cases for legitimate *documentable* reasons. If, for some legitimate reasons, you cannot make it to one of the exams, please contact the instructor *before* the exam.

Grading:

HW Quizzes (best 7 @ 20 pts ea)	140 pts
Questionnaire	5 pts
3 midterm exams	300 pts
<u>Final exam</u>	<u>150 pts</u>
Total Possible:	595 pts

The following grading scale will be used:

A	93-100%	C	73-78
A-	90-93	C-	70-73
B+	87-90	D+	67-70
B	83-87	D	60-67
B-	80-83	F	0-60
C+	77-80		

Homework Quizzes will be based on the homework problems from that week. I will post homework problems consisting mostly of odd-numbered problems from your textbook (so you can check your answers). These homework problems will not be collected. Instead, there will be an in-class homework quiz based on the problems. Quizzes will usually be on Tuesdays and will cover the previous week’s homework. You may use a handwritten 3x5 notecard for these quizzes, but no other notes, books, or calculators. If you are going to miss a HW quiz, you must let know *ahead* of time to be eligible for a make-up.

<http://canvas.cwu.edu> (the CWU Canvas website) will have course information, homework assignments, exam info, and other miscellaneous information. Look under the “files” tab.

Cheating will not be tolerated. Cheating will result in a zero grade for the exam and possibly a failing grade for the course. See the CWU Academic Dishonesty statement for more info: <https://www.cwu.edu/resources-reports/cwup-5-90-0104-academic-dishonesty>

Students with disabilities who wish to arrange for academic adjustments in this class are encouraged to provide me with a copy of their Confirmation of Eligibility for Academic Adjustments and meet with me as soon as possible to discuss their needs and the manner in which their accommodations will be delivered.

Other Helpful Information:

- <http://www.cwu.edu/learning-commons/university-math-center> has information about the University Math Center (Brooks Library 190). This is a place to start if you're looking for extra help.
- Don't be afraid to stop by office hours if something isn't making sense
- I'll post grades on Canvas (<http://canvas.cwu.edu>).
- Mark the final exam on your calendar right away so you don't make vacations plans before you're done with the quarter

Tentative Schedule

Week	Topics/Events
1 Mar 26 th – 30 th	Ch. 1 Overview, 2.2, 2.3
2 Apr 2 nd – 6 th	2.4 – 2.7
3 Apr 9 th – 13 th	Exam Review, Exam 1 , 3.1
4 Apr 16 th – 20 th	3.2 – 3.6
5 Apr 23 rd – 27 th	3.6 – 3.9
6 Apr 30 th – May 4 th	Exam Review, Exam 2 , 3.10, 4.1
7 May 7 th – 11 th	4.1 – 4.3
8 May 14 th – 18 th	4.3 – 4.6
9 May 21 st – 25 th	Exam Review, Exam 3 , 4.7
10 May 28 th – June 1 st	4.8, Review for Final Exam (No class Monday)
Comprehensive Final Exam, Thursday, June 7th, 8:00 – 10:00 AM	