

Math 172

Calculus 1

Winter 2015

<i>Instructor:</i> Molly Andaya <i>email:</i> mandaya@cwu.edu	<i>Time and Place:</i> 172.001, 8am, M-F, Hertz 104 Final Exam: Wednesday, 3/18/15, 8AM
<i>Phone:</i> 963-1826	
<i>Office:</i> Black 225-33	<i>Office Hours:</i> 10:00 – 10:50am M-F, or by appt.

Required Materials

- Text: Gleason, McCallum, et al., *Calculus*, Hughes-Hallett
- Calculator: Graphing calc is required (my recommendation: TI-83 or TI-84). *Please note, there may be an exam (the second) that I only allow a scientific calculator.*
- Paper for taking notes, graph paper is helpful for when we graph
- Pencils. **I won't accept papers done with pen!**
- Binder/notebook/etc. You need to keep organized!
- Access to Canvas. I will post grades, in class handouts, practice test solutions, course syllabus, and other important stuff there.

Course Description

- Math 172 is a 5-credit math course covering the fundamentals of single variable differential calculus. The course involves understanding first and second derivatives (at a point and as a function) and rules for finding derivatives of common functions. You will be further expected to find derivatives of products, quotients, and compositions of common functions, and effectively apply derivatives to contextual problems. Communication is a critical part of the expectation; you will be expected to communicate your processes clearly using proper math symbols and "grammar" as well as to communicate interpretations of your answers.

Expectations

- Be **PRESENT** in class. This includes attending class as well as unplugging from the outside world that is so easily accessed through electronics. Take notes during class, ask questions, do the homework, and get help if you need it. I don't take attendance, but this is your education, you should be in class.
- **Believe** that your education is valuable enough to put forth the effort required to succeed. Calculus requires a lot of effort.
- **Perseverance** in this class is a must! You will be asked to solve many problems that are not simple and straightforward. You need to be willing to try something and be willing to make mistakes in order to learn.
- **Respect** yourself and others, me included. I respect your time and effort spent on my class, I expect you to extend that same respect to my time and effort as well as that of your peers.
- **Cheating = Failure.** You will receive a zero (with no chance of makeup) if you copy, help, hint, check, etc. on a test or in-class quiz.

Grading Information

- Homework will be assigned regularly (daily or at the end of each section). It will not be collected, but you may use it for "notes" on quizzes and/or in-class work. In-class quiz/practice questions will model the homework problems. I have worked out the homework problems. If you would like to see my work, stop by my office hours.

- Quizzes (in-class and/or take-home) and in-class practice will be given regularly. In class activities will most likely be unannounced and cannot be made-up for any reason. I will post any take home quizzes/practice on Canvas. You will be allowed to drop ONE of these scores from your final grade. There will be *about* 150 points total for quizzes/practice.
- Quiz and in-class practice answers will be graded as right/wrong. No partial credit will be considered.
- You will have 3 exams (100 points each) and a final exam (150 points). Partial credit will be considered for problems on exams. You may not drop any exam scores. No retakes will be given.
- You will be expected to solve the problems on the quizzes and exams using the methods we discuss in class, thereby demonstrating your understanding of these methods. Other means of finding solutions including, but not limited to, guessing, trial-and-error, copying another student's answer, remembering the answer from the back of the book, or solving "your way" will earn minimal credit, if any.
- **Make-up exams are generally not given.** If you are unable to attend class on an exam day, you must arrange with me PRIOR to the exam date or you will forfeit your right to make up the exam. Do not contact me after the exam has been given asking to make up the exam.
- **The final exam may not be made up or rescheduled. Do not ask to do so.**

Letter Grades (about 600 total points possible)

A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
93-100%	90-92%	87-89%	83-86%	80-82%	77-79%	73-76%	70-72%	67-69%	63-66%	60-62%	<60%

Finally

- I reserve the right to change the policies contained in this syllabus as dictated by developments during the quarter.
- If you wish to set up academic adjustments in this class, you need to give me a copy of your "Confirmation of Eligibility for Academic Adjustments" from the Disability Support Services Office as soon as possible so we can discuss how the approved adjustments will be implemented in this course. Students without this form should contact the Disability Support Services Office. It is YOUR responsibility to make appointments at the testing center if you chose to use that service. I will make and enforce deadlines for each exam/quiz you take in the testing center.
- I will call on you to participate in class, to answer questions, to "give me the next step", etc. Your class participation allows me to assess your knowledge while I teach. Your participation is vital for my teaching and ultimately, your learning.
- I hope that you will find this course enjoyable. Please, do not hesitate to ask me questions.

Important Dates

- No class: January 19 (MLK), January 28 (Faculty Development), February 16 (President's Day)
- Test Dates will be announced in class.