CWU | Central Washington University

Mathematics Department
400 E. University Way
Ellensburg, WA 98926

Math 172	Calculus I	Fall 2019
CRN# 91980	Room: Samuelson 107	M-F 1:00 – 1:50 p.m.
Number of credits: 5	Office Rm. Samuelson 228J	Office Hour: 11:00 a.m.

Textbook: **Rogawski, J. (2008).** *Calculus: early transcendentals* **(3rd ed.). New York: W.H. Freeman.**

Recommended Materials: Graphing Calculator (TI-83/84 preferred), pencils, erasers, lined paper or graph paper, notebook, and large eraser. Note: You will not be able to use a cell phone on exams without prior permission.

Course Description: Theory, techniques, and applications of differentiation and integration of the elementary functions.

Prerequisites: Prerequisites: MATH 154 with a grade of C or higher, a score of 19 on the Advanced Math Placement Test, or a score of 46 or higher on the Compass Trigonometry test.

Attendance: I expect you to attend every class meeting as I have found that scores and grades reflect the amount of time in class. If you can't attend because your circumstances change, you must drop by **11:59pm, Oct. 1st, 2019**, to be eligible for a refund. If you have to be absent for some emergency, be sure to contact me at the earliest possible time. Excused absences will not lower your overall grade in this class and are determined on a case-by-case basis. Excused absences are those that are both valid and verifiable, e.g. illness, bereavement, and school-related activities. Documentation is required. Excused absences do not include travel for holiday breaks, work, or non-emergency travel delays. In compliance with RCW 28B.137.010, Central Washington University makes every effort to deal reasonably and fairly with students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. Students must present written notice to their instructor within the first two weeks of class listing the specific dates on which accommodations are required. Contact the Dean of Student Success at (509) 963-1515 for further information or questions.

Homework: Homework will be assigned both in-class through worksheets as well as problems assigned through a website called WebWork. There are firm deadlines with each week's assignments due the following Saturday. Homework sets will attribute to 20% of your overall grade or 2% every week.

Late work: You can submit work after the due date with a 20% penalty and an additional 5% every day after. Exceptions are given pending instructor approval.

Homework Advice: Success in a math class goes hand-in-hand with completing the homework assignments. When doing your homework, feel free to ask for help. The University Math Center is here to help you; get in the habit of doing your homework during open hours. Form a study group with other members of the class. Talking with others about math is where learning begins! The homework is assigned to provide you with enough practice to retain the ideas and techniques you're learning. Many people do well by taking good notes in class and doing the homework <u>daily</u> as we cover the topics. Doing homework daily gives you the advantage of taking in smaller amounts of information at a time, and getting help early when you need it. This is the class to begin to develop good study habits.
If you need help outside of the classroom there are several options available to you: get a second opinion from a classmate, an assistant in the drop in University Math Center in the Brooks Library, or from me during my office hour.

Exams: There will be three exams as well as a cumulative final in this course. All four will occur in class and will have no make-ups, if you know you will not be able to attend on the day of an exam, it is <u>your</u> responsibility to arrange to take the exam before it is given. The exams will each be worth 20% of your overall grade and the final 20% of your overall grade.

Grade: Grades will be assigned using 90% - 100% = A 80% - 90% = B 70% - 80% = C 60% - 70% = D; + and – grades apply if your score is within 2%

Grading: Grades will be based on
Tests	80%
Homework	20%

Academic Honesty: Consult university policies (CWUP 5-90-040(22), CWUR 2-90-040(22), and WAC106-125-020) for student conduct, cheating, plagiarism, and other academic expectations. CWU's policies and recommendations for academic misconduct will be followed, leading to disciplinary action up to and including failing the course.

Math Mission Statement: In support of liberal education, scientific careers, teacher preparation, and actuarial science, the mathematics department prepares students for quantitative and symbolic reasoning and advanced mathematical skills through general education, service, major, and graduate programs.

Disability Resources Statement: Central Washington University is committed to creating a learning environment that meets the needs of its diverse student body. If you anticipate or experience any barriers to learning, discuss your concerns with the instructor. Students with disabilities should contact Disability Services to discuss a range of options to removing barriers, including accommodations. Student Disability Services is located in Hogue 126. Call (509) 963-2214 or email *ds@cwu.edu* for more information.