



Central Washington University

Mathematics Department  
400 E. University Way  
Ellensburg, WA 98926



Math 173

Calculus II

Winter 2020

E-mail: AndrewR@cwu.edu

Room: Samuelson 101/251

Office Hour: 10:00 a.m.

Number of credits: 5

Office Rm. Samuelson 228J

CRN: 10249/14110

Course Description: Math 173 is a 5-credit course focusing on integral calculus. You need to already have competency finding, interpreting, and applying derivatives of a wide variety of functions as well as of limits. In this course, you will calculate, interpret, and apply definite and indefinite integrals. This will include a variety of integration techniques, as well as setting up integrals to represent quantities such as volume and/or surface area of a solid of revolution, amount of work, fluid force, etc. You will be expected to accurately interpret and communicate your methods as well as your solutions, using words and/or mathematical notations.

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. Using a cell phone during an exam will result in a zero score and cannot be retaken.

Prerequisites: Math 172 with a grade of C or higher.

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, Jan. 13<sup>th</sup>, 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: 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!

Homework Advice: 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 daily 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 or by appointment.

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 only with instructor approval.

Grading: Grades will be based on

Homework	2% each (Total: 20%)
Tests	15% each (Total: 45%)
Quizzes	15%
Final	20%

Note: With corrections to 100%, you can retake one test.

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](mailto:ds@cwu.edu) for more information.