

# CALCULUS I

## Math 172, Fall 2021

**Instructor:** Tyler Suronen

**Office:** Samuelson 228I

**Office Hours:** M-F 1-1:50PM

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**Text:** *Active Calculus*, by Matthew Boelkins

The course is subject to change at the discretion of the instructor. These changes will be communicated to you as they happen. Please contact me if you have any questions.

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

### Required Materials:

- (1) Text: Visit [activecalculus.org](http://activecalculus.org) for links to the text. Recommended to read in HTML for the additional exercises. It may be downloaded in PDF or purchased in print.
- (2) Calculator: TI-83/84 or comparable model.

### Grades:

- HW 20%
- Preview Activities 10%
- Perfect Practice 20%
- Exams 40%
- Final Exam 10%

Your overall grade will be calculated by percentage of completed work with the following cutoffs (+/- fall within 3 percent points of the upper/lower ends of these ranges. i.e. B+ 87-90).

$$90 \leq A$$

$$80 \leq B < 90$$

$$70 \leq C < 80$$

$$60 \leq D < 70$$

$$F < 60$$

**Homework:** Homework will be assigned frequently. Homework is due weekly on Saturday at 11:59PM. Find Homework in the “Assignments” tab of Canvas. Homework is worth 20% of your total grade.

**Preview Activities:** Each section of the text has a preview activity. These will be graded for completeness.

**Perfect Practice:** Short tasks done at the end of class. You may attempt the practice as many times as you like. They are marked correct when they are ‘perfect’ (correct answer, no mistakes) and keep them. This way I can provide immediate feedback and you leave class with your own example of work. If you cannot complete them during class, you may turn them in by the end of the week.

**Exams:** The exams are worth 40% of your total grade. There are 3 exams. Each exam is ~ 13% of your grade.

**Final Exam:** The final exam will be comprehensive. The final is timed for two hours. The final is worth 20% of your total grade.

**Late work and Makeup:** No late homework will be accepted. Early homework is welcome. You may not retake homework, quizzes, or exams (beyond the previously mentioned two attempts provided for quizzes and exams). Makeups for all assignments will be given on a case by case basis when circumstances are both valid and verifiable, e.g. illness, bereavement, and school-related activities. Documentation may be required. It is expected that exceptions to due dates be requested prior to the due date.

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.

**Academic Dishonesty:** Consult university policies (CWUP 5-90-040(22), CWUR 2-90-040(22), and WAC 106-125-020) for student conduct, cheating, plagiarism, and other academic expectations. Disciplinary action will be taken, up to and including failure of the course, in accordance with CWU policy and recommendations.

**Classroom Equity:** It is my duty as your instructor to provide a safe and inclusive environment for learning. As students you are expected to share this commitment. Our shared responsibility is to welcome everyone to learn and to treat each other with dignity and respect. Mutual respect and nondiscrimination includes freedom from sexual harassment. CWU policy defines sexual harassment as unwelcome, sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature under particular conditions. Title IX considers sexual harassment to be a form of discrimination. If you experience sexual harassment, or know someone who is being sexually harassed, you are encouraged to report concerns to me, another faculty member or employee, or to Equal Opportunity, at 509-963-1202, [OfficeforEqualOpportunity@cwu.edu](mailto:OfficeforEqualOpportunity@cwu.edu), Mitchell Hall 1st floor. Complete policies are available online at [www.cwu.edu/hr](http://www.cwu.edu/hr).

**Accessibility and Accommodations:** 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 Disability Services, [ds@cwu.edu](mailto:ds@cwu.edu), for more information.

**Important Dates:**

Sept 22 First day of classes.

Sept 28 Add/Drop classes.

Nov 8 Uncontested withdrawal period deadline.

Nov 11 Veterans Day. No classes.

Nov 23-26 Thanksgiving and Native American Heritage Day Recess. No classes.

Dec 3 Last day of class instruction.

Dec 6 Study Day.

Dec 10 End of Quarter

**Other:** Math requires lots of practice. We recommend you spend a 1-2 hours outside of class for every hour in class. In addition to completing homework it is recommend you read the text and study with groups practicing similar problems.