

**Instructor** : Aaron Montgomery

**Class** : T–F @ 11:00–11:50 in Samuelson 209

**Office Hours** : T @ 10, W @ 3, F @ 10, and by appt.

**Email** : montgoaa@cwu.edu **Phone** : 963-1906

**Text** : Ross' **Elementary Analysis**

**Course Outcomes:** This course will introduce the basic concepts of real analysis with a focus on differentiation.

### Graded Coursework

*Homework: 160 Points* — There will be 8 homework assignments (all assignments are posted on the website), each worth 20 points for a total of 160 points. After getting your homework returned, you will have one week during which you can attempt to rework **boldface** problems you missed for reduced credit. Late homework is not accepted. Homework turned in one week after the due date will be graded with the reworked problems and will be assigned reduced credit. I will post solutions one week after the due date. At least six of your homework assignments must be turned in physically to me or my mailbox in the Math Department. You may turn in up to two (2) homework electronically (to allow for the possibility that you cannot make it on to campus that week).

Much of your homework involves writing proofs (those problems are listed in boldface on the website). I expect proofs to be complete and follow the guidelines in the MATH 351 packet (I'll post this on Canvas). Minimal points will be given for homework that requires me to rotate the page, squint to make out the words, or fill in missing boilerplate. I'm not going to spend my time doing the easy parts of your assignment for you. If you expect a good grade, you are going to need to at least make the effort to do the easy parts yourself.

One way to help me avoid squinting is to use  $\text{\LaTeX}$ . This also makes it easy for you to correct your work when you resubmit them to me. To encourage this, I will give you a **2 point bonus** for each assignment you turn in that is written in  $\text{\LaTeX}$ .

You may work on homework with other students in the class, however, you must turn in your own copy of the homework.

*Presentations: 50 Points —*

You will be expected to give a weekly presentation. You will be graded primarily on effort and participation, so if you have well prepared notes for your presentation, you should expect to receive these points.

*Exams: 90 Points —*

There will be two exams. A midterm (see Canvas for date) and a cumulative final exam (see CWU's standard final schedule for date and time). Exams will be in-class and will require you to be able to write proofs. The midterm will be worth 40 points and the final exam worth 50 points.

*Final Grades: 300 Points —*

$\geq 261$	B+		$\geq 279$	A		$\geq 270$	A-
$\geq 231$	C+		$\geq 249$	B		$\geq 240$	B-
$\geq 201$	D+		$\geq 219$	C		$\geq 210$	C-
			$\geq 189$	D		$\geq 180$	D-

**Accommodations**

Central Washington University is committed to creating a learning environment that meets the needs of its diverse student body. Students with disabilities should contact Disability Services to discuss a range of options to removing barriers, including accommodations. Disability Services is located in Hogue 126. Call (509) 963-2214 or email [ds@cwu.edu](mailto:ds@cwu.edu) for more information.

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.