

# FUNCTIONS AND REASONING

## Math 152-A01, Spring 2022

**Instructor:** Tyler Suronen

**Office:** Samuelson 228I

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

**Virtual Office Hours:** M-F 10-10:50AM

(via Blackboard Ultra in Canvas)

**Phone:** 509-963-2991

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**Text:** *Precalculus: An Investigation of Functions*, by David Lippman and Melonie Rasmussen ed2.2

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:** Develops precalculus readiness through increased understanding of algebraic concepts and skills by exploring: real number algebra; rates of change; manipulation of quantities represented symbolically, graphically, and in words; and linear and quadratic relationships to function.

### Required Materials:

- (1) Text: freely available to read online at <http://www.opentextbookstore.com/precalc/>. Link includes purchasing options for physical copies.
- (2) Calculator: TI-83/84 or comparable model.

### Grades:

- Homework 45%
- Weekly Check-in 5%
- Exams 40%
- Final Exam 10%

Your grade will be calculated by the total percentage.

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

**Homework:** Homework will be assigned frequently. Homework are due on Friday of each week (with some exceptions). Homework are organized on a weekly basis in the homepage in Canvas or can be found in the “Assignments” tab of Canvas. Homework is worth 20% of your total grade.

**Check-ins:** Once every week I want to hear from you. You can email, join office hours, or send a message in Canvas. You might include: questions about the content, updates on your progress, requests for accommodations, etc. If you need to keep it brief you can simply say “All good. No questions.” so I know you’re keeping up with the course. The weekly check-in is 5% of your grade.

**Exams:** Exams are timed and you have two attempts (from which your highest score is kept). Exams must be taken on the day they are due. If you need an exception be sure to request before the due date (see Latework and Makeup). 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 10% of your total grade.

**Late work and Makeup:** 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, Mitchell Hall 1st floor. Complete policies are available online at [www.cwu.edu/hr](http://www.cwu.edu/hr).

These policies extend to the online components of the course in virtual office hours, discussions, canvas chat/discussions, and email correspondence. It is each of our duty to engage with the course and each other in a respectful manner.

**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, for more information.

**Resources for Online Students:** CWU offers a variety of services and guidelines for current and future online students. For more information visit: [www.cwu.edu/online-learning/resources-current-and-future-students](http://www.cwu.edu/online-learning/resources-current-and-future-students)

Multimodal Learning recognize and embrace that online learning requires different strategies for students. For more information visit: [www.cwu.edu/online-learning/online-learning-basics-students](http://www.cwu.edu/online-learning/online-learning-basics-students)

**Important Dates:**

Mar 29 First day of classes.

Apr 4 Add/Drop classes.

May 13 Uncontested withdrawal period deadline.

May 30 Memorial day. No classes.

Jun 3 Last day of class instruction.

Jun 6 Study Day.

Jun 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. For the virtual course, in place of time in-person you should expect to read the text for the sections, watch the videos provided, and attempt the practice problems provided in the text.