

Math 152, Functions and Reasoning Fall, 2022

Instructor: Dave Wylie **Email:** david.wylie@cwu.edu
Classroom: Samuelson 106 **Meeting Times:** M-F 10am-10:50am
Office: Samuelson 228A **Office Hours:** M-F 9am-9:50am

Text: College Algebra <https://openstax.org/details/books/college-algebra-2e>
Precalculus <http://www.opentextbookstore.com/precalc/>

Math is a skill. The best way to learn math is by working math problems. We will be going over examples in class, working in groups during class and there will be homework for each section.

Grading: Class grades will be based on a standard grading scale: 90's A, 80's B, etc. Class grades will be weighted as follows,

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|----------------|-----|
| Participation: | 5% |
| Homework: | 25% |
| Tests (4): | 40% |
| Final Exam: | 30% |

Participation: Your participation grade is based on attendance (taken each class) and participation in class. You must be present the entire class. If you do not participate during in-class group work or disrupt class, your participation grade will be affected. If you miss class, it is your responsibility to find out what you missed and get notes from another student.

Homework: Homework will be assigned for each section. When we complete a section in class the homework will due at the beginning of the next class.

Tests: There will be four tests during the quarter. Tests must be completed by hand with a pencil. You will be allowed to retake each test once, within a week of the original test. I will keep the higher score of the two tests.

Final Exam: The final exam is a comprehensive test. You may not retake the final exam.

Cheating: All work on tests and the final exam must be your own. Giving or receiving aid during a test or exam will result in a penalty ranging from no credit on the question to failing the class. You may work with others on homework.

Testing Rules: The following rules apply during all tests and the final exam:

- No notes or books may be used.
- All work must be done in pencil.
- Show your work and draw a box around your final answer.

Prerequisites: Prerequisites: satisfactory score on math placement exam or completion of MATH 100B with a C or higher.

Course 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.

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.

Having Trouble: There may come a time in this or other classes where you find yourself stuck and struggling to understand the material. Note that this is something that happens to everyone, and when/if happens to you, you have several options:

- Ask a classmate or friend
- Visit the drop-in tutoring area at the University Math Center in Brooks Library
- Online Tutoring provided through the Math Center
- Come to my office hours for assistance
- Attend a PAL session
- Visit the Math Department tutoring

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 your 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.

Faith/Tradition Observances Policy: 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.

Changes: I reserve the right to make changes to this syllabus. If changes are made I will announce them in class and through Canvas.