

**DEPARTMENT OF MATHEMATICS
COLLEGE OF THE SCIENCES
CENTRAL WASHINGTON UNIVERSITY
Winter 2023**

Math 153 Pre-Calculus I Number of Credits 5

Office Hour: usually daily 9:00-2:00 and by appointment

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Welcome to my class. Students who do well in courses like Pre-Calculus come to class (watch the lectures and take notes in the virtual environment), do their homework (to understand it, not just get a grade), find a partner to study with, and get help from the instructor when needed. I encourage you to plan to get help when you need it.

The text is available at no cost through wamap.org.

This course closely follows the textbook by Lippman, David, and Melonie Rasmussen. Precalculus: An Investigation of Functions 2nd ed., Open Textbook Library., 2017.

It is strongly recommended to have a TI 83/84 calculator which can be used on tests. You will likely find the Desmos computer application helpful ([desmos.com](https://www.desmos.com)), but on the portion of the test where you have to complete in a Zoom meeting with me, you may not use Desmos.

Course Description: A foundation course which stresses those algebraic and elementary function concepts together with the manipulative skills essential to the study of calculus.

Prerequisites: A math placement test score resulting in eligibility for MATH 101 or successful completion of MATH 100B or 100BC with a grade of C or higher.

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.

Grade: Grades will be assigned using 90% - 100% = A 80% - 90% = B 70% - 80% = C 60% - 70% = D; + and – grades apply if your score is within 2%

Grades will be based on scores on online hw, group homework, virtual office meetings and quizzes, extra credit and chapter cumulative projects (with partners).

Students should expect at least 4 one-on-one virtual meetings (graded).

MyOpenMath: The majority of work will be done in Canvas using an open education resource called MyOpenMath. MyOpenMath has recorded lectures over many of the major topics, and a free online textbook separated by section. The homework assignments are typically very short and can be done multiple times. Many problems have supports such as the option to watch a video or use a hint for this exact problem.

Homework advice: Success in math goes hand-in-hand with completing the homework assignments. When doing your homework, feel free to ask for help. The Math tutor center is an excellent resource that is available to all CWU students. You can access math tutoring at <https://www.cwu.edu/academic-success/schedule-appointment>. The homework is assigned to provide you with enough practice to retain the ideas and techniques you're learning. 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 Math tutor center, or from me via office hours, canvas, or e-mail.

I do not have set office hours, but I will usually be available between 9:00 and 2:00 for meetings. I will do my best to meet with students when ever there is a need. I am not available on Monday evenings or Sunday mornings, but will make myself available for a Zoom meeting at other times. I want to help you when you need help!

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 for more information.

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.