



Central Washington University

Mathematics Department
400 E. University Way
Ellensburg, WA 98926



Math 154

Number of credits: 5

AndrewR@cwu.edu

CRN #11559

Pre calculus II

Office Hour: 9:00 a.m.

Winter 2021

Textbook: Lippman, David, and Melonie Rasmussen. *Precalculus 2: An Investigation of Trigonometry*, Open Textbook Library., 2020.

Note: The textbook is part of the Open Textbook Library and is free to use. However, if you would like a physical copy of the textbook you can purchase it through Lulu or Amazon. Those that are interested I will provide the information in canvas.

Recommended Materials: Desmos graphing application

Additional optional materials: Graphing Calculator (TI-83/84 preferred), pencils, erasers, lined paper or graph paper, notebook, and large eraser.

Course Description: A continuation of MATH 153 with emphasis on trigonometric functions, vectors, systems of equations, the complex numbers, and an introduction to analytic geometry. Formerly MATH1632.

Prerequisites: Students must achieve an appropriate test score or complete the required prerequisite course/s with a 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.

Attendance: Although this course is online, I do expect regular participation with discussion groups and periodic check-ins. You have until **11:59 p.m., January 11th, 2021**, to be eligible for a refund. If you have to be absent for some emergency, be sure to contact me at the earliest possible time.

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%.

Homework: Homework will be assigned through Canvas using a program called MyOpenMath. Homework is opened every Sunday until its due date list in Canvas.

MyOpenMath: The majority of work will be done in Canvas using an open education resource called MyOpenMath. MyOpenMath has recorded lectures, textbook separated by section, and assignments. The 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.

Late work: Exceptions are given pending only with instructor approval, but otherwise no late work is accepted after the due date.

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.

Exams: There will be five exams given throughout this course. All will have no make-ups, if you know you will not be able to attempt/complete an exam, it is your responsibility to arrange to take the exam before it is given. You will be given sixty minutes for the exam, two attempts on each test question and the option to take another version if you would like to retake on testing day.

Quizzes: There will be sixteen quizzes given throughout this course. Quizzes will open the week they are planned to be given and will be available until their due date. All will have no make-ups, if you know you will not be able to attempt/complete a quiz, it is your responsibility to arrange to take the quiz before it is given. You will be given two attempts on each quiz question and the option to take another version if you would like to retake.

Office Hours/Appointments: Unless otherwise stated in Canvas or in the weekly announcements, I will maintain office hours throughout the term 9:00 a.m. and 3:00 p.m. every weekday. If there is a 10 minute span where there are no students, then I will log off until the subsequent office hour. If you would like to set up an appointment outside of these times please e-mail me as I am happy to accommodate you.

Discussions/Regular check in: I encourage you to contribute to the discussion boards in Canvas. For every unit and exam I have set up a discussion board where I plan to post questions/issues students have been asking making it a valuable resource. This could be technical issues you are having with MyOpenMath/Canvas or issues related to the content/course. Although virtual, I want us to be a community that supports each other. I do want academic honesty to be maintained, but often mathematics can be challenging and how we address these challenges can have a meaningful impact.

Grading: Grades will be based on

Homework	4% per week	Total: 40%
Tests	7.5% each	Total: 30%
Quizzes	2% per week	Total: 20%
Final	10%	Total: 10%

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.