

Course Information

Semester & Year: Fall 2021

Course ID & Section #: MATH-10-E2198 (052198)

Instructor's name: Trevor Keiber

Day/Time of required meetings: Monday and Wednesday, 4:30 - 5:55 pm

Location: Science 214, Eureka Main Campus

Course units: 3

Instructor Contact Information

Email address: trevor-keiber@redwoods.edu

Catalog Description

A mathematics course designed to develop the computational skills needed in many Career Education programs. Topics include geometry, measurement, number sense, estimation, basic statistics, trigonometric functions, and algebraic thinking. Note: Students are advised to review the requirements for their program and/or consult with an Academic Advisor or CE Faculty to ensure this course is appropriate for your educational goals.

Course Student Learning Outcomes (*from course outline of record*)

- Demonstrate proficiency with arithmetic, estimation, and basic algebraic skills focused on applications.
- Employ geometry to analyze and solve application problems.
- Employ trigonometry to analyze and solve application problems.
- Interpret statistical information to make decisions.

Prerequisites/co-requisites/ recommended preparation

None

Accessibility

College of the Redwoods is committed to making reasonable accommodations for qualified students with disabilities. If you have a disability or believe you might benefit from disability-related services and accommodations, please contact your instructor or [Disability Services and Programs for Students](#) (DSPS). Students may make requests for alternative media by contacting DSPS based on their campus location:

- Eureka: 707-476-4280, student services building, 1st floor
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If you are taking online classes DSPS will email approved accommodations for distance education classes to your instructor. In the case of face-to-face instruction, please present your written accommodation request to your instructor at least one week before the needed accommodation so that necessary arrangements can be made. Last minute arrangements or post-test adjustments usually cannot be accommodated.

Required Materials

Textbooks:

You do not need to purchase a textbook from the bookstore for this course. We will cover a wide range of topics over the course of the semester, hence we will use 3 different free textbooks. The links to the openstax online books are shown here. <https://openstax.org/details/books/prealgebra>
<https://openstax.org/details/books/algebra-and-trigonometry>
<https://openstax.org/details/introductory-statistics>

Internet Access:

Regular access to a computer with an internet connection is essential.

Calculator:

Recommended but not required. either a scientific calculator or a graphing calculator (TI-83 or TI-84)

Evaluation & Grading Policy

Your grade is based on points earned from online homework, written homework, class participation activities, discussion, exams, extra credit, projects, and possibly other kinds of assignments. All points from the class are equally weighted; your final score is the ratio of the points you earned out of the total points possible.

Letter grades are assigned based on the following (generous) criteria:

A 100-90% , A- 89-87% , B+ 86-83% , B 82-78% , B- 77-75% , C+74-71% , C 70-67% , D/F 66-0

Every week a new module will be available for you to view in Canvas. There will usually be a few online homework assignments which you need to complete by Sunday of that week. There may also be an online discussion or an online written assignment which you need to complete.

Class Participation

Since this class is being held in a classroom, it is expected that you attend class unless you have a valid reason not to be there such as medical, sports, family emergency ect. Instead of taking attendance, there will be an activity of some kind every day where you turn in something which will be graded for credit. Basically, if you make some kind of attempt on the inclass project you will get credit for the day, and if what you do is exceptional, you might earn extra credit. The class activities generally cannot be made up later, you will either be excused from completing it, or earn a zero.

Exams

There will be two midterms and a final exam. Exams will account for approximately 30% of your total grade in the class. It is possible that one or more exams has a take home component or can be replaced with a project.

Late Work Policy

To be successful, you should turn in your assignments by the due date so that you do not fall behind in the class. That being said, I would rather you turn in something late, than to not do it at all, which is why I allow most work to be turned in anytime before the end of the semester.

Canvas will automatically apply a 5 percent deduction each day on a late assignment to a maximum of 20%. This means that if you turn in something a week late or a month late, you could still possibly get

80%. I should mention, a few assignments cannot be turned in late including exams, few discussions, and possibly others.

Academic dishonesty

In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, determination of the grade and of the student's status in the course is left primarily to the discretion of the faculty member. In such cases, where the instructor determines that a student has demonstrated academic dishonesty, the student may receive a failing grade for the assignment and/or exam and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct ([AP 5500](#)) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the [College Catalog](#) and on the [College of the Redwoods website](#).

Inclusive Language in the Classroom

College of the Redwoods aspires to create a learning environment in which all people feel comfortable in contributing their perspectives to classroom discussions. It therefore encourages instructors and students to use language that is inclusive and respectful.

Student Support Services

The following online resources are available to support your success as a student:

- [CR-On](http://www.redwoods.edu/online) [HYPERLINK "http://www.redwoods.edu/online"](http://www.redwoods.edu/online) [I](http://www.redwoods.edu/online) [HYPERLINK "http://www.redwoods.edu/online"](http://www.redwoods.edu/online) [ine](http://www.redwoods.edu/online) (Comprehensive information for online students)
- [Library Articles](https://redwoods.libguides.com/az.php) [HYPERLINK "https://redwoods.libguides.com/az.php"](https://redwoods.libguides.com/az.php) [HYPERLINK "https://redwoods.libguides.com/az.php"](https://redwoods.libguides.com/az.php) [Databases](https://redwoods.libguides.com/az.php)
- [Canvas help and t](https://webapps.redwoods.edu/tutorial/) [HYPERLINK "https://webapps.redwoods.edu/tutorial/"](https://webapps.redwoods.edu/tutorial/) [u](https://webapps.redwoods.edu/tutorial/) [HYPERLINK "https://webapps.redwoods.edu/tutorial/"](https://webapps.redwoods.edu/tutorial/) [torials](https://webapps.redwoods.edu/tutorial/)
- [Online Student Ha](http://www.redwoods.edu/Portals/72/Documents/Students/CR-OnlineStudentHandbook.pdf) [HYPERLINK "http://www.redwoods.edu/Portals/72/Documents/Students/CR-OnlineStudentHandbook.pdf"](http://www.redwoods.edu/Portals/72/Documents/Students/CR-OnlineStudentHandbook.pdf) [n](http://www.redwoods.edu/Portals/72/Documents/Students/CR-OnlineStudentHandbook.pdf) [book](http://www.redwoods.edu/Portals/72/Documents/Students/CR-OnlineStudentHandbook.pdf)

[Cou](http://www.redwoods.edu/counseling/) [HYPERLINK "http://www.redwoods.edu/counseling/"](http://www.redwoods.edu/counseling/) [n](http://www.redwoods.edu/counseling/) [HYPERLINK "http://www.redwoods.edu/counseling/"](http://www.redwoods.edu/counseling/) [seli](http://www.redwoods.edu/counseling/) [HYPERLINK "http://www.redwoods.edu/counseling/"](http://www.redwoods.edu/counseling/) [n](http://www.redwoods.edu/counseling/) [g](http://www.redwoods.edu/counseling/) offers assistance to students in need of professional counseling services such as crisis counseling.

Learning Resource Center includes the following resources for students

- [Academi](http://www.redwoods.edu/asc) [HYPERLINK "http://www.redwoods.edu/asc"](http://www.redwoods.edu/asc) [c](http://www.redwoods.edu/asc) [HYPERLINK "http://www.redwoods.edu/asc"](http://www.redwoods.edu/asc) [Support Center](http://www.redwoods.edu/asc) for instructional support, tutoring, learning resources, and proctored exams. Includes the Math Lab & Drop-in Writing Center
- [Library Ser](https://www.redwoods.edu/library) [HYPERLINK "https://www.redwoods.edu/library"](https://www.redwoods.edu/library) [v](https://www.redwoods.edu/library) [HYPERLINK "https://www.redwoods.edu/library"](https://www.redwoods.edu/library) [ices](https://www.redwoods.edu/library) to promote information literacy and provide organized information resources.

- [Multicultural](https://www.redwoods.edu/student-services/Home/Multicultural-and-Diversity-Center) [HYPERLINK](https://www.redwoods.edu/student-services/Home/Multicultural-and-Diversity-Center)
["https://www.redwoods.edu/student-services/Home/Multicultural-and-Diversity-Center"&](https://www.redwoods.edu/student-services/Home/Multicultural-and-Diversity-Center)
[HYPERLINK](https://www.redwoods.edu/student-services/Home/Multicultural-and-Diversity-Center)
["https://www.redwoods.edu/student-services/Home/Multicultural-and-Diversity-Center"](https://www.redwoods.edu/student-services/Home/Multicultural-and-Diversity-Center)
[Diversity Center](https://www.redwoods.edu/student-services/Home/Multicultural-and-Diversity-Center)

Special programs are also available for eligible students include

- [Extended Opportunity Programs](http://www.redwoods.edu/eops) [HYPERLINK](http://www.redwoods.edu/eops) ["http://www.redwoods.edu/eops"&](http://www.redwoods.edu/eops)
[HYPERLINK](http://www.redwoods.edu/eops) ["http://www.redwoods.edu/eops"](http://www.redwoods.edu/eops) [Service](http://www.redwoods.edu/eops) [HYPERLINK](http://www.redwoods.edu/eops)
["http://www.redwoods.edu/eops"s](http://www.redwoods.edu/eops) [HYPERLINK](http://www.redwoods.edu/eops) ["http://www.redwoods.edu/eops"](http://www.redwoods.edu/eops) (EOPS)
 provides services to eligible income disadvantaged students including: textbook award, career academic and personal counseling, school supplies, transportation assistance, tutoring, laptop, calculator and textbook loans, priority registration, graduation cap and gown, workshops, and more!
- The TRiO Student Success Program provides eligible students with a variety of services including trips to 4-year universities, career assessments, and peer mentoring. Students can apply for the program in [Eurek](https://www.redwoods.edu/trio/eureka) [HYPERLINK](https://www.redwoods.edu/trio/eureka) ["https://www.redwoods.edu/trio/eureka"](https://www.redwoods.edu/trio/eureka) or in [Del N](https://www.redwoods.edu/delnorte/TRiO) [HYPERLINK](https://www.redwoods.edu/delnorte/TRiO) ["https://www.redwoods.edu/delnorte/TRiO"](https://www.redwoods.edu/delnorte/TRiO) or [HYPERLINK](https://www.redwoods.edu/delnorte/TRiO) ["https://www.redwoods.edu/delnorte/TRiO"](https://www.redwoods.edu/delnorte/TRiO) [rte](https://www.redwoods.edu/delnorte/TRiO)
- The [Veteran's Resource](https://www.redwoods.edu/student-services/Home/Vets) [HYPERLINK](https://www.redwoods.edu/student-services/Home/Vets)
["https://www.redwoods.edu/student-services/Home/Vets"C](https://www.redwoods.edu/student-services/Home/Vets) [HYPERLINK](https://www.redwoods.edu/student-services/Home/Vets)
["https://www.redwoods.edu/student-services/Home/Vets"](https://www.redwoods.edu/student-services/Home/Vets) [enter](https://www.redwoods.edu/student-services/Home/Vets) supports and facilitates academic success for Active Duty Military, Veterans and Dependents attending CR through relational advising, mentorship, transitional assistance, and coordination of military and Veteran-specific resources.
- Klamath-Trinity students can contact the CR KT Office for specific information about student support services at 530-625-4821