



Syllabus for Math 30

Course Information

Semester & Year: Fall 2022

Course ID & Section #: MATH-30-E3675 (053675)

Instructor's name: Trevor Keiber

Day/Time of required meetings: Tuesday, Thursday and Friday 10:05 - 11:20 am

Location: Science Building, Room 210

Course units: 4

Instructor Contact Information

Office location: The tutoring center which is in the back of the learning center

Office hours: Tuesday 11:30-5pm

Wednesday 11:30-3:30 pm

Thursday 11:30-5pm

Email address: trevor-keiber@redwoods.edu

Catalog Description

A course for students studying in science, technology, engineering, and mathematics (STEM) fields and some areas of business. Both Math 30 and Math 25 (Trigonometry), are prerequisites for Math 50A (Differential Calculus). Topics include: polynomial, rational, radical, exponential, absolute value, and logarithmic functions; systems of equations; theory of polynomial equations; analytic geometry; arithmetic and geometric sequences and series. Note: Students without experience in Algebra II or Intermediate Algebra are strongly recommended to take Math 30S College Algebra support course concurrently.

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

1. Analyze and investigate functions and equations graphically, algebraically, and verbally.
2. Solve equations, systems of equations, and inequalities.
3. Apply functions and other algebraic techniques to model real-world applications.

Prerequisites/co-requisites/ recommended preparation

Concurrent enrollment in MATH 30S- 3676 is required.

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

Required Materials

Textbook: "Algebra and Trigonometry" Sullivan 9th edition.

Calculator: Recommended, not required. You can rent a TI-83 or TI-84 from CR.

Evaluation & Grading Policy

Points are earned from written homework, class activities, online homework and exams. The percentage of points you earn by the end of the semester is related to your final letter grade by 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

The points are equally weighted, so only an estimate of the contribution from each class of assignment can be given. The two midterms and final exam will together be approximately 30%, online homework is 5-10%, class activities are 10-15% and the written homework is the remaining 50%.

Class Participation

You are required to attend at least 85% of the supplemental sections for this class or you will not pass Math 30S AND Math 30. What that means is that if you are absent more than 5 five times on Tuesday and or Thursday, you will be dropped. Attendance of the Friday lecture is strongly encouraged but is not strictly required.

During the lecture there will almost always be a graded activity of some kind. Attendance is not directly worth points, however, if you are not in class, you will need to complete the activity from lecture as homework.

Late Work Policy

Most assignments are due by Midnight, one week after the day they are assigned. You should always try to turn in assignments by the due date so that you do not fall behind in the class. I feel that it is better to complete homework late, rather than not at all, which is why I offer this generous late policy: . Late work will accrue a 3% penalty each day after the deadline to a maximum of 30%. Be aware that Exams and other special assignments are exceptions to this.

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-Online](#) (Comprehensive information for online students)
- [Library Articles & Databases](#)
- [Canvas help and tutorials](#)
- [Online Student Handbook](#)

[Counseling](#) offers assistance to students in need of professional counseling services such as crisis counseling.

Learning Resource Center includes the following resources for students

- [Academic Support Center](#) for instructional support, tutoring, learning resources, and proctored exams. Includes the Math Lab & Drop-in Writing Center
- [Library Services](#) to promote information literacy and provide organized information resources.
- [Multicultural & Diversity Center](#)

Special programs are also available for eligible students include

- [Extended Opportunity Programs & Services \(EOPS\)](#) 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 [Eureka](#) or in [Del Norte](#)