

## Syllabus for Intermediate Algebra – Eureka Campus

<b>Semester &amp; Year</b>	Spring 2019	
<b>Course ID and Section #</b>	MATH-25-E6041	
<b>Instructor's Name</b>	Ward Nickle	
<b>Day/Time</b>	M, W/6:05-8:10	
<b>Location</b>	SC 204	
<b>Number of Credits/Units</b>	4	
<b>Contact Information</b>	<i>Office location</i>	SC 204
	<i>Office hours</i>	by appointment
	<i>Phone number</i>	
	<i>Email address</i>	ward-nickle@redwoods.edu
<b>Textbook Information</b>	<i>Title &amp; Edition</i>	Algebra and Trigonometry
	<i>Author</i>	Sullivan
	<i>ISBN</i>	0131430734

### Course Description

A study of trigonometric functions, radian measure, solution of right triangles, graphs of the trigonometric functions, inverse trigonometric functions, trigonometric identities and equations, laws of sines and cosines, solution of oblique triangles, polar coordinates, complex numbers in trigonometric form, De Moivre's theorem, and conic sections.

### Student Learning Outcomes

1. Analyze and solve problems involving trigonometric functions or analytic geometry.
2. Apply the mathematics of trigonometric functions and analytic geometry to real-world problems and applications.
3. Use graphing technology to visualize trigonometric and polar curves, explore mathematical concepts, and verify results.
4. Write solutions to mathematical exercises in trigonometry and analytic geometry using sound mathematical reasoning with appropriate use of numerical, graphical, and symbolic representations.

### Special Accommodations

College of the Redwoods complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. Please present your written accommodation request at least one week before the first test so that necessary arrangements can be made. No last-minute arrangements or post-test adjustments will be made. If you have a disability or believe you might benefit from disability related services and may need accommodations, please see me or contact [Disabled Students Programs and Services](#). Students may make requests for alternative media by contacting DSPS at 707-476-4280.

### Academic Support

Academic support is available at [Counseling and Advising](#) and includes academic advising and educational planning, [Academic Support Center](#) for tutoring and proctored tests, and [Extended Opportunity Programs & Services](#), for eligible students, with advising, assistance, tutoring, and more.

### Academic Honesty

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 at: <http://www.redwoods.edu/board/Board-Policies/Chapter-5-Student-Services>, and scroll to AP 5500. 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.

### Disruptive Classroom Behavior

Student behavior or speech that disrupts the instructional setting will not be tolerated. Disruptive conduct may include, but is not limited to: unwarranted interruptions; failure to adhere to instructor’s directions; vulgar or obscene language; slurs or other forms of intimidation; and physically or verbally abusive behavior. In such cases where the instructor determines that a student has disrupted the educational process a disruptive student may be temporarily removed from class. In addition, he or she 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 at: <http://www.redwoods.edu/board/Board-Policies/Chapter-5-Student-Services> and scroll to AP 5500.

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.

### Emergency Procedures for the Eureka campus:

Please review the campus evacuation sites, including the closest site to this classroom (posted by the exit of each room). The Eureka **campus emergency map** is available at: (<http://www.redwoods.edu/aboutcr/Eureka-Map>; choose the evacuation map option). For more information on Public Safety, go to <http://www.redwoods.edu/publicsafety>. In an emergency that requires an evacuation of the building:

- Be aware of all marked exits from your area and building.
- Once outside, move to the nearest evacuation point outside your building:
- Keep streets and walkways clear for emergency vehicles and personnel.
- Do not leave campus, unless it has been deemed safe by the Incident Commander or campus authorities. (CR’s lower parking lot and Tompkins Hill Rd are within the Tsunami Zone.)

**RAVE** – College of the Redwoods has implemented an emergency alert system. In the event of an emergency on campus you can receive an alert through your personal email and/or phones at your home, office, and cell. Registration is necessary in order to receive emergency alerts. Please go to <https://www.GetRave.com/login/Redwoods> and use the “Register” button on the top right portion of the registration page to create an account. During the registration process you can elect to add additional information, such as office phone, home phone, cell phone, and personal email. Please use your CR email address as your primary Registration Email. Your CR email address ends with “redwoods.edu.” Please contact Public Safety at 707-476-4112 or [security@redwoods.edu](mailto:security@redwoods.edu) if you have any questions.

***College of the Redwoods is committed to equal opportunity in employment, admission to the college, and in the conduct of all of its programs and activities.***

### Grading

Homework	15%
Projects	15%
Quizzes/Activities	20%
Midterm 1	15%
Midterm 2	15%
Final Exam	20%

### Homework

Most homework assignments will be online. Online assignments will be completed through Canvas, a learning management system. Homework is available at the end of each class and is due by the next class meeting. You will be able to ask questions in class and retry your homework repeatedly until the due date. Only your highest score from each assignment will be used in the calculation of your grade.

### Projects

Small projects will be assigned, at the end of select chapters, that allow for the integration of technology and the

opportunity to to consider interesting applications of mathematical models.

### Quizzes/Activities

Attendance is **REQUIRED**. An individual-based quiz or a group-based activity may be administered during any class. These will generally be narrow in focus and cover only the most recent material.

### Exams

There are two midterms and a cumulative final exam. The dates of the exams can be found on the course calendar.

### Resources

If you have questions about your homework you can visit my office hours or you can find help at the Math Lab. To enjoy the benefits of the Math Lab, you must enroll in 0.5 to 1 unit of Math Lab. Additionally, there is individual tutoring available through the Academic Support Center.

### Grade Assignment

Grade	Lower limit	Upper limit
A	93	100
A-	90	92
B+	87	89
B	83	86
B-	80	82
C+	77	79
C	73	76
C-	70	72
D+	67	69
D	63	66
D-	60	62
F	0	59

THERE WILL BE NO MAKE UP EXAMS OR QUIZZES WHATSOEVER. PLEASE PLAN ACCORDINGLY. THIS SYLLABUS IS SUBJECT TO CHANGE AT ANY MOMENT. ALL CHANGES WILL BE ANNOUNCED AND POSTED. FINAL GRADES ARE AT THE INSTRUCTOR'S DISCRETION.