Syllabus for [*Math 25*] – Eureka Campus		
Semester & Year	Spring 2018	
Course ID and Section #	Math 25 E3434	
Instructor's Name	Patrick "Guy" Adams	
Day/Time	MW 6:05-8:10PM	
Location	Science Building Room #204	
Number of Credits/Units	4	
Contact Information	*Office location*	Math Lab and SC 204
	Office hours	Math Lab Weds 4-5:50 PM and after class meetings
	Phone number	826-3492 (HSU)
	Email address	guy-adams@redwoods.edu
Textbook Information	*Title & Edition*	College Trigonometry, 3rd Corrected Edition
	Author	Stitz & Zeager
	ISBN	NA

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 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.

TOPICS: Trigonometric functions and their inverses, solving triangles, trigonometric identities and equations, graphs of trigonometric functions, polar coordinates, complex numbers in trigonometric form, and conic sections.

PREREQUISITES: Grade of C or better in Math 120 (Intermediate Algebra), or passing score on the appropriate assessment exam. Prerequisites will be enforced.

COURSE STRUCTURE: You will have a chance to ask questions about homework problems at the beginning of each class period. The remainder of the session will be for instruction, practice, and/or assessment. Homework will usually be due a couple of times each week, and there will sometimes be a quiz, class activity, or an exam.

MATERIALS: You will need to obtain the following for this class:
a) A scientific calculator with a graphing package. The **TI-83+** or **TI-84**are **HIGHLY** recommended. If you are going to buy a new calculator, buy a TI-84
b) Lots of graph paper (cheap stuff will be fine).
c) A ruler or straight edge.
d) A three-ring binder to keep your work in.
e) Lots of PENCILS!

GRADES:

Grade Breakdown:

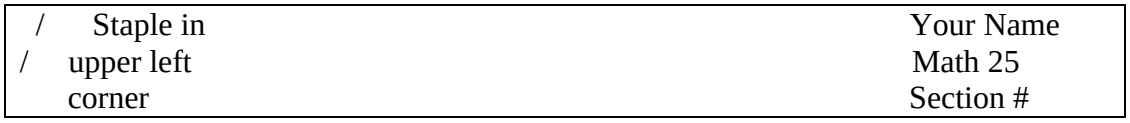
Homework = 35%
Sum of Quizzes = 15%
Sum of Midterms = 30%
Final Exam = 20%

Final Grades: Final grades will be assigned based on the course average calculated as described above in the Grade breakdown. The grade assigned will be determined by locating the course average in the tables below:

Course avg:	100-93	92.9-90	89.9-87	86.9-83	82.9-80	79.9-77
Grade:	A	A-	B+	B	B-	C+

Course avg:	76.9-70	69.9-67	66.9-63	62.9-60	59.9-0
Grade:	C	D+	D	D-	F

HOMEWORK: An assignment from the text will be assigned "daily" and is due at the end of the next class meeting. Each assignment will have a maximum value of 5 points and your heading is to be formatted as shown in the image below. Please note that content and presentation are equally important and your papers will be evaluated accordingly. Sloppy or irritating papers will be returned ungraded. I will drop the lowest 3 homework scores from the grade-sheet.



Hints to maximize your homework scores:

- Write with pencil only and fully erase errors.
- Format your paper as shown above. Failure to staple multiple pages or to record the course name or homework section number will result in the loss of 0.5 points for each omission.
- Show all work neatly and completely.
- Work problems vertically, with spaces between problems.
- Turn in homework when it is due or earlier.
- All late HW, for any reason, will be accepted for one week past the due date and receive a maximum score of 4. After this week, late HW will not be accepted. Please understand that for certain valid reasons, I may waive this policy temporarily.

The homework assignments are posted in Canvas. You may ask questions about the homework in class, however you need to get in the habit of seeking help outside of class. For instance, at the Math Lab.

The problem sets are graded on three areas: completeness, general correctness, and presentation. Each of the three areas needs to be covered to earn the 5 points.

Quizzes/Activities: Quizzes will be given on material covered in class and in the text. If you have a valid excuse for missing a quiz, you will have one week to schedule a make-up. After this week, no make-ups will be offered. Please note that some quizzes and homework assignments will be performed on-line with CR's Optimath program.

Exams: We will have four exams this semester. The first three will be one hour exams and will be valued at 100 points each. The third will be the comprehensive final exam, valued at 150 points. All exams will be closed book/note. Bring pencils, a ruler and your calculator to each exam. Makeup exams will be given only to those who notify me in advance with a valid excuse. These must be made up within one week of the scheduled exam date.

Final Exam: The final exam is a required part of the course. Our final exam is scheduled for *Monday, May 7 5:30-7:30PM.* It will be given only at the officially scheduled time. Please make your summer break plans accordingly.

Attendance: I expect you to attend class every day and to be on time. If you miss a day, it is your responsibility to determine what you missed. Out of courtesy, I expect that you will remain seated until excused. If you must leave early, I would appreciate being notified before class.

Classroom environment: It is expected that everyone involved in this class, teacher and students alike, will act in a manner conducive to providing a comfortable environment for learning, a classroom where students feel free to ask and answer questions without fear of embarrassment or ridicule. It is important to stay on task when class is in session. Hence, conversation not pertaining to the subject at hand should be taken outside the classroom. I understand that students will have to get up and leave the room for various reasons and I also understand that students will arrive late from time to time. However, courtesy requires that you enter and leave as quietly as possible, without disturbing discussion or presentation. It is essential for student success to maintain a good environment in the classroom. If you have any personal difficulties with the learning environment in the classroom, please notify me. **Cell Phones:** If your cell phone rings during class or you take a text message in class, you will be asked to apologize to your classmates.

Getting Help:

Office hours: You are encouraged to come to my office hours for assistance with homework or clarification of course material. If my office hours are not convenient for you, please make an appointment to see me at a convenient time.

e-mail: I check my e-mail frequently. This is a good medium for contacting me.

Homework groups: I strongly encourage you to form groups to discuss and compare homework problems. Explaining a solution to a classmate is an excellent way to improve your own understanding.

TUTORS and MATH LAB: There is a free tutoring service available for this class. I highly recommend that you take advantage of it. The service is located in the library in the Academic Support Center (ASC). Math Lab is a lab course that offers assistance with developing your math skills. If math has been a struggle or you are in search of the "A" grade, I strongly recommend Math 52. It has been very successful in helping students achieve their goals in mathematics.

Faculty Withdrawal Policy: It is the policy of the College of the Redwoods Math Department to exercise a "Faculty Withdrawal" for any student who has missed more than 15% of the class meeting time (prior to the drop deadline), due to the severely diminished likelihood of a successful outcome in the course. It is important to note that, if it is the student's intention to withdraw from the course, the responsibility remains with the student to ensure the proper paperwork has been filed – that is, students are not to assume the teacher will file the "Withdrawal" automatically.

The above information is subject to change at my discretion, as the instructor. If it does, I will announce the change in class and post a revised syllabus here.