

### Syllabus for Math-25-E9127

<b>Semester &amp; Year</b>	Spring 2016	
<b>Course ID and Section #</b>	Math-25-E9127	
<b>Instructor's Name</b>	Mr. Jon Pace	
<b>Day/Time</b>	M W 6:05 – 8:10 PM	
<b>Location</b>	SC 204	
<b>Number of Credits/Units</b>	4 units	
<b>Contact Information</b>	<i>Office hours</i>	M T 4:45 – 5:45 PM in SC 208 In Math Lab W TH 5:00 – 5:50 PM
	<i>Email address</i>	<a href="mailto:jonathan-pace@redwoods.edu">jonathan-pace@redwoods.edu</a>  or via Canvas
<b>Textbook Information</b>	<i>Title &amp; Edition</i>	Algebra and Trigonometry, 7 <sup>th</sup> or 8 <sup>th</sup> edition
	<i>Author</i>	Sullivan
	<i>ISBN</i>	7 <sup>th</sup> edition – ISBN #: 0131430734  8 <sup>th</sup> edition – ISBN #: 0132329034

**Course Description (catalog description as described in course outline):**

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 (as described in course outline) :**

- 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.

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### 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: [www.redwoods.edu/district/board/new/chapter5/documents/AP5500StudentConductCodeandDisciplinaryProceduresrev1.pdf](http://www.redwoods.edu/district/board/new/chapter5/documents/AP5500StudentConductCodeandDisciplinaryProceduresrev1.pdf) 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: [www.redwoods.edu/district/board/new/chapter5/documents/AP5500StudentConductCodeandDisciplinaryProceduresrev1.pdf](http://www.redwoods.edu/district/board/new/chapter5/documents/AP5500StudentConductCodeandDisciplinaryProceduresrev1.pdf)

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.

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### 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/Eureka/campus-maps/EurekaMap\\_emergency.pdf](http://www.redwoods.edu/Eureka/campus-maps/EurekaMap_emergency.pdf)). For more information on Public Safety, go to <http://redwoods.edu/safety/> 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.

### Recommended

1. Math Lab
2. I would recommend forming study groups. They are a great way to study for exams and do homework problems.
3. The Math 25 course page is located at: <http://msenux.redwoods.edu/math/courses/math25.php>

### Classroom Environment

It is essential to our class that both students and teacher behave in a manner that will provide a comfortable learning atmosphere. Be respectful of one another. You should not hesitate to ask questions nor feel embarrassed to ask a question or ask for help. **Turn off cell phones before entering the classroom.** If your cell phone goes off during class, you will have to apologize to the class by bringing in treats for everyone the next class period.

## Exams

There will be 4 exams comprising 40% of the course grade and a cumulative final exam worth 15% of your course grade. I will notify you at least one week in advance as to the date of each exam (see course schedule). Before each exam, I will post a practice exam on Canvas. All exams need to be taken in class on the day of the exam or in the ASC with proper authorization.

**Final Exam: Monday, May 9<sup>th</sup> @ 6:05 – 8:10 PM**

## Homework

Homework will be assigned each class period and each section of homework is worth 10 points. Assignments will be posted on Canvas under the module “Homework”. **Homework is due at the beginning of class each Monday. Each section should be turned in separately.** The only way to learn math is to practice and homework is the practice. Homework will be graded based on completeness, neatness, the following of directions, and accuracy. Make sure you read and comply with the **GUIDELINES FOR HOMEWORK** at the end of this syllabus. Sloppy or unreadable homework will be returned with a grade of zero. I understand that life happens leaving you unable to turn in a given homework assignment; therefore, **the 3 lowest homework scores will be dropped.**

## OptiMath Practice

Each section will have a corresponding practice assignment in OptiMath. These are not graded assignments, but they will benefit you greatly! You should immediately log into and familiarize yourself with OptiMath.

## Quizzes

**In-class quizzes:** We may have an in-class quiz any class meeting. You should always be prepared. However, I will notify you the class period before

**Optimath quizzes:** There will be a quiz every week in Optimath. The quiz will open at the end of class on Monday and close before the beginning of class the following Monday. You may attempt each quiz as many times as you want while they are open.

## Grades

Your final grade will be determined as follows:

Homework:	25%
Quizzes:	20%
Exams:	40%
Final Exam:	15%

The grade breakdown is as follows:

A	93 - 100%	C+	77 - 79%
A-	90 - 92%	C	70 - 76%
B+	87 - 89%	D	60 - 69%
B	83 - 86%	F	0 - 59%
B-	80 - 82%		

## Guidelines for Homework

Please adhere to the following guidelines before turning in your homework assignments:

1. **Staple all homework in the upper left hand corner.**
2. Label your homework with your name and section number in the upper right hand corner.
3. Write your problems in order down the page. You may use both sides of the paper.
4. Box your answers to each exercise.
5. You must use pencil when doing your homework, and you must write legibly and neatly.
6. Be sure to show your work when solving a problem. A problem with just the answer and no work shown will not receive credit.
7. When creating a graph, you must use graph paper and a ruler or straight edge. When graphing, make sure that you label your axes and scaling or points will be taken off.
8. Remove all “frillies” from the side of the page if you tear it out of a notebook.
9. **Each section should be turned in as its own homework assignment.**

**\* I reserve the right to change this syllabus as I deem necessary.**

**Math-25-E9127, Spring 2016**  
**1<sup>st</sup> – Half Schedule**

<b>Date</b>	<b>Sections (7<sup>th</sup> edition)</b>	<b>Homework Due Date</b>
Week #1		
Jan. 18 <sup>th</sup>	<b>No Class</b>	Monday, Jan. 25 <sup>th</sup>
Jan. 20 <sup>th</sup>	Intro, Section 7.1 (6.1)	
Week #2		
Jan. 25 <sup>th</sup>	Sections 7.2, 7.3 (6.2, 6.3-8.1)	Monday, Feb. 1 <sup>st</sup>
Jan. 27 <sup>th</sup>	Sections 7.4, 7.5 (6.3-8.1, 6.4)	
Week #3		
Feb. 1 <sup>st</sup>	Section 7.5 (6.5)	Monday, Feb. 8 <sup>th</sup>
Feb. 3 <sup>rd</sup>	Sections 7.6, 7.8 (6.6, 6.8) Exam #1 Review	
Week #4		
Feb. 8 <sup>th</sup>	<b>Exam #1,</b> Section 9.5 (8.5)	Wednesday, Feb. 17 <sup>th</sup>
Feb. 10 <sup>th</sup>	Sections 7.7, 8.1 (6.7, 7.1)	
Week #5		
Feb. 15 <sup>th</sup>	<b>No Class</b>	

<b>Date</b>	<b>Topics (8<sup>th</sup> edition)</b>	<b>Homework Due Date</b>
Feb. 17 <sup>th</sup>	Sections 8.2, 9.1 (7.2, 8.1)	Monday, Feb. 22 <sup>nd</sup>
Week #6		
Feb. 22 <sup>nd</sup>	Section 9.1 (8.1) Exam #2 Review	Monday, Feb. 29 <sup>th</sup>
Feb. 24 <sup>th</sup>	<b>Exam #2,</b> Section 8.3 (7.3)	
Week #7		
Feb. 29 <sup>th</sup>	Sections 8.3, 8.4 (7.3, 7.4)	Monday, Mar. 7 <sup>th</sup>
Mar. 2 <sup>nd</sup>	Sections 8.4, 8.5 (7.4, 7.5)	
Week #8		
Mar. 7 <sup>th</sup>	Sections 8.6, 8.7 (7.6, 7.7)	Monday, Mar. 21 <sup>st</sup>
Mar. 9 <sup>th</sup>	Sections 8.7, 8.8 (7.7, 7.8)	
<b>Spring Break 3/16 – 3/20</b>		

**\* I reserve the right to change this schedule as I see fit.**

**Math-25-E9127, Spring 2016**  
**2<sup>nd</sup> – Half Schedule**

<b>Date</b>	<b>Sections Covered (7<sup>th</sup> edition)</b>	<b>Homework Due Date</b>
Week #9		
Mar. 21 <sup>st</sup>	Sections 9.2, 9.3 (8.2, 8.3)	Monday, Mar. 28 <sup>th</sup>
Mar. 23 <sup>rd</sup>	Section 9.4 (8.4)	
Week #10		
Mar. 28 <sup>th</sup>	Exam #3 Review	
Mar. 30 <sup>th</sup>	<b>Exam #3</b>	
Week #11		
Apr. 4 <sup>th</sup>	Sections 10.1, 10.2 (9.1, 9.2)	Monday, Apr. 11 <sup>th</sup>
Apr. 6 <sup>th</sup>	Sections 10.2, 10.3 (9.2, 9.3)	
Week #12		
Apr. 11 <sup>th</sup>	Sections 11.1 (10.1)	Monday, Apr. 18 <sup>th</sup>
Apr. 13 <sup>th</sup>	Sections 11.2 (10.2)	
Week #13		
Apr. 18 <sup>th</sup>	Section 11.3 (10.3)	Monday, Apr. 25 <sup>th</sup>
Apr. 20 <sup>th</sup>	Section 11.4 (10.4)	



<b>Date</b>	<b>Sections Covered (7<sup>th</sup> edition)</b>	<b>Homework Due Date</b>
Week #14		
Apr. 25 <sup>th</sup>	Section 11.5 (10.5)	Monday, May 2 <sup>nd</sup>
Apr. 27 <sup>th</sup>	Sections 11.5 (10.5) Exam 4 Review	
Week #15		
May 2 <sup>nd</sup>	<b>Exam #4</b>	
May 4 <sup>th</sup>	Final Exam Review	
<b>Final Exam: Monday, May 9<sup>th</sup> @ 6:05 – 8:10 PM</b>		

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