Syllabus for: Math25- Brad Morin

Semester & Year:	Summer 2014
Course ID and Section Number:	Math-25-E6662
Number of Credits/Units:	4
Day/Time: **Location:**	MTWTh 1:10 pm – 2:40 pm SC202
Instructor's Name:	Brad Morin
Contact Information:	Math Lab Hours: None Office: None Email: brad.morin@gmail.com

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. Note: A graphing calculator is required.

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.**

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.

Academic Misconduct: Cheating, plagiarism, collusion, abuse of resource materials, computer misuse, fabrication or falsification, multiple submissions, complicity in academic misconduct, and/ or bearing false witness will not be tolerated. Violations will be dealt with according to the procedures and sanctions proscribed by the College of the Redwoods. Students caught plagiarizing or cheating on exams will receive an "F" in the course.

The student code of conduct is available on the College of the Redwoods website at: http://redwoods.edu/District/Board/New/Chapter5/AP%205500%20Conduct%20Code%20final%2002-07-2012.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 homepage.

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.

Textbook: **Algebra & Trigonometry, 8th Edition by Sullivan.**

A few text books are available in the library to check out for the 10 week term:
Amazon links to finding a good price on the textbook:

Hardcover 8th Edition
Hardcover 8th Edition (alternate option)

Course Equipment: TI-83 Calculator or TI-84 (TI-89 won't work well for our class).
Bring text and calculator each day.

Class Time and Lectures:

We will generally start each class period with ten minutes of separate group discussion.
A lecture will follow, interspersed with individual and group problem solving practice.
Each class will end with a quiz or short exam.

Exams and Quizzes:

Every Monday, Tuesday, and Wednesday will end with a quiz.
Often this will be no more that copying a homework problem you have done.
Every Thursday, there will be s short exam at the end of class.
You will have a chance to makeup a quiz the following day for 80% of the credit.
Exams can be made up on the following week for 80% of the credit.

Basis for Grade:

25% Quizzes/Homework
55% Semester Exams.
20% Final Exam
Every Monday, I provide data necessary to calculate your grade to that point in time.

Earning a Grade:

Decide on the grade you are willing to work for.
To get that grade you need a 90% point total on that grade track.
The lower the grade track, the easier the problems.
If you slip below 80% on your grade track during the semester,
then you drop to the next lower grade track and,
10% is added to your cumulative score.
If you rise above 96% on the grade track that you are in during the semester,
you have the option of jumping up a track and,
10% is subtracted from your cumulative score.

Learning Resources: Overview at http://msenux.redwoods.edu/mathdept/courses/math25.php

Recommended -- Math Lab
Disabled Student Programs and Services
Academic Support Center
The L.I.G.H.T. Center
GUID 145

Prerequisites: Make certain this course is appropriate for your skills and experience.

Math 120 is a prerequisite.
I recommend having successfully completed Math 30, College Algebra.

Date	Section	C-track Problems	—	B-track Problems	—	A-track Problems
May 27	7.1	1,2,3,6,7, 11-69 odd	—	119,120	—	8
28	7.1					
29						
June 2						
3						
4						
5						
						June 6: Last day to drop without getting a "W"
9						
10						
11						
12						
16						

17
18
19

23
24
25
26

30
July 1
2
3 July 6: Last day to drop, getting a “W”

7
8
9
10

14
15
16
17

21
22
23
24

28
29
30
31 Final Exam