TEXT:  
TRIGONOMETRY graphs & models: by Bittinger, Beecher, Ellenbogen, Penna; Second Edition (Addison Wesley Longman)

PREREQUISITES:  
The prerequisites for trigonometry are the knowledge of intermediate algebra and being willing to spend time to do the homework assignments. But, formally, the prerequisite is a grade of a C or better in math 098 or successful completion of a placement test.

COURSE OBJECTIVE:  
The student should develop skill sufficient to be able to write and use the definition of trigonometric functions; sketch the graph of the trigonometric functions; prove identities, solve trigonometric equations; learn and then apply the law of the sines and cosines; learn how to write a complex number in trigonometric form and find all the roots of a complex number; learn polar coordinates system and the graphs of some simple equations in polar; learn about conic sections (rectangular & polar), vectors (applications & operations), and the exponential and logarithmic functions with applications and modeling.

OFFICE HOURS:  
M, T, W, Th, F--10:00-10:50. Drop in visits are welcomed.

GRADING POLICY:  
The following table assigns the student’s grade. There will be six one-hour exams (each is worth 100 points), some quizzes, and a comprehensive final exam (200 points.)

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<tr>
<th>ave</th>
<th>Grade</th>
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<tbody>
<tr>
<td>90 ≤ ave</td>
<td>A</td>
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<tr>
<td>80 ≤ ave &lt; 90</td>
<td>B</td>
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<tr>
<td>70 ≤ ave &lt; 80</td>
<td>C</td>
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<tr>
<td>60 ≤ ave &lt; 70</td>
<td>D</td>
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<tr>
<td>ave &lt; 60</td>
<td>F</td>
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REMARKS:

a. Students will need a graphing calculator.
b. The student solutions manual (not required) is available in the bookstore.
c. The successful completion of the course requires doing the exercise at the end of each section.
d. Students with an average of more 95% at the end of the semester will not have to take the final exam.
e. Students with grade of an F on the first exam should make an appointment with me.
f. Students who receive an F on the first and second exam with an irregular attendance will be dropped administratively.
g. Attendance will be checked.
h. I would like for you to have a binding notebook.
i. No make-up quizzes.
j. For an exam you miss, I will replace it with half of the final test score.
k. I will not accept sloppy work. Everything must be done neatly. Neatness will be rewarded.
l. None of the exams will be dropped.
m. Students are fully responsible for knowledge of and compliance with all announcements made in class, whether present or not.
n. Attendance is very important. For every four hour class sessions missed the grade will be lowered one letter grade.
o. I appreciate any comments or reasonable suggestions throughout the semester.
p. Use Study Assistance Center (free of charge) when you need extra help. It is located in room W142.
q. Make sure to get help before it is too late.
r. In order to receive full credit show all your work neatly step by step using only a pencil.


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<tr>
<th>Ch.</th>
<th># of Sec</th>
<th># of days</th>
<th>Exam</th>
<th>Date</th>
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<tbody>
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<td>1</td>
<td>6</td>
<td>5</td>
<td>1</td>
<td>1/28</td>
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<tr>
<td>2</td>
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<td>4</td>
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<td>6</td>
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<td>4/28</td>
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Final Exam ☀ Day: Monday, Date: 5/13, Time: 12:00-1:50, Room: S135

Good luck. Have a great semester.

Academic Dishonesty
Each student is expected to be honest in his/her class work or in the submission of information to the College. Richland regards dishonesty in classroom and laboratories, on assignments and examinations, and the submission of false and misleading information to the College as a serious offense. A student who cheats, plagiarizes, or furnishes false, misleading information to the College is subject to disciplinary action up to and including failure of a class or suspension/expulsion from the College.

Non-Discrimination Policy

Richland Community College policy prohibits discrimination on the basis of race, color, religion, sex, marital or parental status, national origin or ancestry, age, mental or physical disability (except where it is a bona fide occupational qualification), sexual orientation, military status, status as a disabled or Vietnam-era veteran.