MAC 1114 College Trigonometry

Instructor: Mrs. Michelle Taylor
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Section:

Office Hours: Mon. & Wed. 10:30 to 11:20
3:30 to 4:20
Tues. 10:30 to 11:20

(3 Credit Hours)

Text: Analytic Trigonometry with Applications 8th Edition,
Written by Barnett, Zeigler, and Byleen
Calculator: No graphing calculators.

Major topics covered by this course include:

- Ch.1: Arc length, Similar Triangles, Right Triangle Ratios
- Ch.2: Linear and Angular Velocity, Trigonometric Functions, Circular Functions
- Ch.3: Graphing Trigonometric Functions
- Ch.4: Trigonometric Identities
- Ch.5: Inverse Trigonometric Functions, Trigonometric Equations
- Ch.6: Law of Sines, Law of Cosines, Vectors
- Ch.7: Polar Coordinates, Complex Numbers

Expectations:

1. Attend course lectures. Be attentive and ask questions.
2. Complete HW assignments. Come prepared to review sessions.
3. Ask questions outside of class. Attend office hours or Math Lab (MAP 113).

Academic Dishonesty/Cheating**:** (http://www.goldenrule.sdes.ucf.edu)
Cheating is a violation of student academic behavior standards.
The common forms of cheating include (but are not limited to):

1. Unauthorized assistance: communication to another through written, visual, electronic, or oral means, using unauthorized material during a test or quiz, and communicating contents of a test or quiz to another student.
2. Plagiarism: whereby another's work is used or appropriated without any indication of the source, thereby attempting to convey the impression that such work is the student's own.
3. Any student who knowingly helps another violate academic behavior standards is also in violation of the standards.

Academic dishonesty in any form will not be tolerated. If you are found cheating you will receive an F for the course and will be reported to the University Office of Student Rights and Responsibilities.

Grading: Your grade will consist of points earned from the following assignments:

3 exams @ 100 points each	= 300 possible points	Letter grades will be awarded according
6 quizzes @ 10 points each	= 60 possible points	to the following grading scale:
1 final exam@ 140 points	= 140 possible points	90 – 100 A
	500 possible points	80 – 89 B
		70 – 79 C
		0 – 69 F

The "No- credit" (NC) grade is available and will be awarded in place of an F when the following criteria are met:

- Student attends 80% or more of lectures given.
- Student completes all exams including the final exam.
- Student has a final average of at least 50%.

Make up Policy: The final exam is mandatory for all students. No exceptions. There will be no make-ups for the final exam. Please plan accordingly. Make up exams will be given only in the case of your documented major illness or a documented death in the family. Students must provide valid documentation.

Looking forward to a GREAT semester!