

MAC 1114 TRIGONOMETRY - Section U09

Instructor: Dr. Carmen B. Shershin

Office: DM 437 A

Office Hours: T Th 3:30- 4:30 p.m.

M W by appointment only.

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COURSE DESCRIPTION

The course covers the following topics: Trigonometric functions, identities, conditional equations, polar coordinates, vectors, polar graphs, complex numbers, DeMoivre's Theorem, and conic sections. Prerequisite: College Algebra or equivalent.

Text: Algebra and Trigonometry (9th edition) by Michael Sullivan.

Student Solutions Manual available on line (w3.fiu.edu/math)

GRADING POLICY and EXPECTATIONS

- The grade for the course is based on 4 scores (three tests and the final exam each counting 25%). If you miss a test due to a verifiable legitimate excuse, you will be given a make-up during the last week of classes (April 16-20) at the instructor's convenience. If you miss two tests or the final exam, then the grade for the course will be F.
- The grading scale for all work is as follows: 93-100 A; 90-92 A-; 87-89 B+; 83-86 B; 80-82 B-; 77-79 C+; 73-76 C; 70-72 C-; 67-69 D+; 63-66 D; 60-62 D-; below 60 F.
- There is a substantial amount of formulas to be memorized, derivations (proofs) of identities, and calculations of exact values of trigonometric functions without the use of a calculator. A scientific calculator will be needed in solving applications problems. Graphing calculators are not allowed during tests.
- Regular attendance is expected and encouraged. Up to 3 bonus points will be added to a test score for perfect attendance and punctuality during the days covering the material being tested. If you wish to take advantage of the bonus points you must be in your assigned seat at the beginning of class, and be attentive during the entire lecture. Please avoid coming in late or leaving class early as such behavior is disruptive and impolite.
- You are expected to keep up with the lectures and homework.
- Using cellular phones, cameras, recorders, laptops, and other electronic devices is not allowed during class. You will be asked to leave the classroom if not complying.
- You are expected to obey the University Standards of Conduct, in particular concerning academic honesty, and respect for self and others.
- Take advantage of the free tutoring services (math help) provided by FIU: w3.fiu.edu/math/
- You are required to submit your student ID on exam days.

IMPORTANT DATES

Thursday, February 2.....Test 1

Thursday, March 1.....Test 2

Monday, March 19.....Last day to drop with a DR grade.

Thursday, April 5.....Test 3

TBA.....Final Exam