

**East Los Angeles College**  
**Math 241: Trigonometry (Fall 2010)**

<u>Section</u>	<u>Time</u>	<u>Days</u>	<u>Room</u>
1012	12:15-2:20 PM	MW	A-13

**Instructor:** Mr. Lee, **Telephone:** (323) 415-4129      **Office:** E5-104  
**Office Hours:** Mon & Wed (8-9 AM) Tue & Thurs (12-1:30 PM)  
**Email:** leem@elac.edu    **Website:** leemath3000.org

**Text:** PreCalculus 5<sup>th</sup> edition by Stewart, Redlin, Watson  
**Prerequisite:** Intermediate Algebra or equivalent

**Course Description:** This course includes the study of the trigonometric functions and their inverses; measurement of angles in degrees and in radians and solution of triangles; solutions of trigonometric equations; verification of trigonometric identities; vectors; complex numbers; graphing trigonometric functions and polar curves.

**Chapters to be covered:** chapter 5-8, 12

**Homework:** Homework will be collected on the day of the chapter test.

**Grades:** •5 tests (100 points each)-----400 points (after dropping the lowest test)  
 • Homework (20 points per chapter)----- --100 points  
 •10 Quizzes (10 points each)-----100 points (no make-up)  
 •A comprehensive final-----200 points  
 Total: 800 points

A: 90-100%	B: 80-89%	C: 70-79%	D: 60-69%	F: 0-59%
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**SLO (Student Learning Outcomes):** The students should also be able to solve the following two problems.

1. Given an unknown angle in a specific quadrant and one of its trigonometric functional values, a student will find two other trigonometric functional values of the unknown.
2. Given a trigonometric function, a student will
  - a. Determine its amplitude
  - b. Determine its period
  - c. Graph the function on a closed interval

Monday	Sections	Wednesday	Sections
8/30	review	9/1	5.1
9/6	<b>No Class</b>	9/8	5.2
9/13	5.3	9/15	5.4
9/20	Ch5practice test	9/22	<b>Ch5test</b>
9/27	6.1	9/29	6.2
10/4	6.3	10/6	6.4
10/11	6.5	10/13	Ch6practice test
10/18	<b>Ch6test</b>	10/20	7.1 7.2
10/25	7.3 7.4	10/27	7.5
11/1	Ch7practice test	11/3	<b>Ch7test</b>
11/8	8.1 8.2	11/10	8.3 8.4
11/15	8.5	11/17	Ch8practice test
11/22	<b>Ch8test</b>	11/24	10.1 10.2
11/29	10.3 10.4	12/1	Ch10practice test
12/6	<b>Ch10test</b>	12/8	Final Review
12/13	<b>Final Exam (9:30-11:30 AM)</b>	12/15	

Last day to drop without W ----- Friday, Sept 24

Last day to drop with W ----- Friday, Nov 19

Final Exam-----Monday, Dec 13 (12-2 PM)

\*\*This syllabus is tentative. Your instructor will modify the content if necessary.