

Los Angeles Valley College
Mathematics 240
Trigonometry
Spring 2016

Class Times: Thurs 6:50pm - 10:00pm Location: EST 101 Section: 3267

Instructor: T. Rowe Email: trowe@csun.edu Tel: 818-677-6058
Office Hours: immediately after class (Thurs 10:00pm - 10:45pm), or by appointment

Text: **Lial: Trigonometry** (10th. Edition)

You should bring your textbook (and also a *scientific* calculator) to class with you each session. Many examples used in class will come from the text. Registration in **MyMathLab** is required. You should register at www.coursecompass.com. Our Course ID is **rowe06838**. You may purchase an access code *with* the book at the College Bookstore or *online* with a credit card.

Prerequisites

A grade of C or better in Math 120 and Math 125; or appropriate skill level demonstrated through the math placement process. You may not obtain an add permit if you do not satisfy this prerequisite.

Course Objectives & Student Learning Outcomes

1. Students will be able to think analytically at a college level.
2. Students will be able to think and read critically to solve trigonometric problems.

Course Description and Syllabus

We shall cover most of chapters 1 - 8 of the textbook in this course. You are encouraged to read and think about the material in these sections outside of class, by yourself. Topics considered will include: *trigonometric functions; radian measure; the unit circle; sketching of trigonometric functions; amplitude, period & phase shift; trigonometric identities and equations; inverse trigonometric functions; laws of sines & cosines; polar coordinates.*

Course Requirements

(1) Attendance: An essential part of the course. Failure to attend regularly will certainly affect your ability to understand the subjects and to tackle the problems successfully. Students may be excluded from the class for non-attendance. You are strongly encouraged to ask appropriate questions and raise any relevant issues in class. Please note that no food, drink (with the exception of water) or gum may be consumed during class. Please turn off and put away all cell phones and other electronic communicating devices ! In order to keep distractions to a minimum, please do not enter or exit the room whilst our class is in progress. Finally, please do not talk during class (unless you are answering a question from, or asking a question to, the instructor). Students who disrespect this rule will be asked to leave the class.

(2) Homework and Online Chapter Quizzes: In order to progress in this course, it is essential to keep up with the homework problems and online chapter quizzes promptly and completely. Registration in **MyMathLab** is required, with successful completion of the homeworks and online chapter quizzes by the advertised deadlines. Late assignments will not be accepted.

(3) Class Quizzes: Short quizzes may be given during class (in addition to online) - advance warning will always be given. Usually the subject of these quizzes will be drawn directly from the current reading/problem assignments.

(4) Exams: **Please note that exams must be taken at the same time as the rest of the class - ‘make-up’ exams will not be given.** (Please inform the instructor, by the second week of the semester, of any religious observations which might conflict with any of these dates.)

Exam Schedule

Thursday 10 March	Exam I
Thursday 14 April	Exam II
Thursday 12 May	Exam III
Thursday 2 June (7 - 9pm)	Cumulative Final Exam (as Final Exam schedule)

Academic Honesty

Cell phones must not be visible or audible at any time during an exam. This applies to all smart technology including watches, cameras and pens. Other examples of cheating during an exam include looking at another student's exam, copying a solution from another student, giving answers or allowing another student to copy your solution or using unauthorized notes or formula sheets. Any attempted communication with others during an exam will be deemed to be cheating and all students involved will automatically receive a grade of "F" for that exam. Please bring your student ID to all exams.

Grading (approximate breakdown of the final grade)

Exam I	15%	□	MyMathLab Homeworks	15%
Exam II	15%	□	MyMathLab Chapter Quizzes	10%
Exam III	15%	□	Final Exam	30%

These totals may be adjusted, if necessary, according to the relative results of the other students in the class. In addition, a student's general attitude, participation in class and attendance may be considered in calculating the final grade for this course. Positive class participation and general commitment is a discretionary factor which could increase your grade.

The grade distribution will be approximately (subject to modification) as follows:

A = 90%+ B = 80%+ C = 70%+ D = 55%+

Presentation of Written Work

Throughout this course, ALL written work submitted to be graded (including any written homeworks and exams) must be legibly and neatly set out. Full credit will not be given for merely stating the correct answer to a question. All steps must be clearly set out to enable the instructor to easily understand and follow your thinking in solving the problem.

Calculators

You may **not** use *graphing* calculators during exams. A *scientific* calculator is **required** and should be brought to each class. Students may not share calculators during exams.

Deadlines

Please note the various deadlines for adding, dropping and withdrawing from classes.

The deadline to add a class is 19 February.

The deadline to drop a class (without incurring fees) is 21 February.

The deadline to drop a class (without receiving a grade of *W*) is 21 February.

The deadline to drop a class (receiving a grade of *W*) is 8 May.

(Please note that after census week, it is solely the responsibility of the students to drop themselves from class through the Office of Admissions. Failure to do so may result in a grade of "F" in the class.)

The Math Lab in LARC 226 is open for help with Math classes. Please check for exact opening hours.

Students with disabilities requiring classroom accommodations should contact SSD, located in the Student Services Annex, Room 175, in a timely manner. Call (818) 947-2681 for an SSD counselor.

Holidays: Please note that there will be no classes on:

Thursday 31 March (*Cesar Chavez Day*) & Thursday 7 April (*Spring Break*)