

# MATH 240, Trigonometry, Fall 2012

## MW, 10:40A-12:05P, 3.00, CSM 222

**Instructor:** Ryan Yamada

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**Office:** CMS 134 (inside CMS 124)

**Office Hours:** MTWTh 12:10pm-1:30pm

**Website:** <http://www.lamission.edu/~yamadarn/3183>

**Text:** *Trigonometry* 10<sup>th</sup> edition by Lial/Hornsby/Schneider/Daniels

**Course description:** This course studies the trigonometric functions, including their values, graphs, inverses, and verifying identities. It also includes solving right triangles and others, radian measure and polar equations.

**Final Exam Date: Wednesday, December 12<sup>th</sup>, 10am-12pm**

### **Student Learning Objectives:**

- Examine and interpret the graphs of basic trigonometric functions and their transformation.
- Apply concepts of trigonometry to solve problems involving trigonometric functions.

**Grading:** Exams – 45%, Final – 25%, Quizzes 15%, Homework – 10%, Participation (Problems and Group Work) – 5%

**Grading Scale:** Typically 90% earns the lowest A, 77% the lowest B, and 66% the lowest C, although I reserve the right to be more generous.

**Attendance:** Attendance is very important in the learning process. If you are absent, it is your responsibility to keep up with the material as noted on the schedule. Attendance on non-quiz days will be taken one of three ways.

- Most of the time, problem of the day will be given. This problem will be worth three points and will be related to that day's lecture. You may use your book, notes, or whatever is on the board to solve the problem (but you must work on your own). One point will be given for simply attempting the problem, two points for an answer that starts off right, and three points for the correct answer.
- On some days, group-work may be assigned instead and will be graded similarly to the problem of the days except you can work in groups (and so the problems may be more difficult).
- Sometimes, there may not be time for a problem or group work after the lecture and so a sign-in sheet will be used for attendance. In these cases it is your responsibility to make sure you are signed in.

There are no make-ups for any in-class activities. Missing multiple problems/group work may lead to you getting dropped from the class. However it is always the student's responsibility to be sure to drop or verify that they are dropped from the class should they stop attending. Do not assume I will drop you.

**Exams and Quizzes:** You will be given four exams and a comprehensive final exam on the dates noted on the course schedule. Your lowest exam score may be replaced by that of the final, if it is to your advantage. No calculators will be allowed on any exams. **You must show all of your work directly on the quiz or exam.** Any student caught cheating on an exam will receive no points for that exam; this score will not be replaced by that of the final. Any form of academic dishonesty can be grounds for receiving a grade of F and possibly dismissal from the college. Any student that does not take the final exam will fail the course, regardless of his or her grade to that point.

There will be nine quizzes throughout the semester as noted on the schedule. Your lowest quiz score will be dropped. You will not be allowed to use calculators on any quizzes.

**Make-ups:** You must take the final exam with the rest of the class at the scheduled time listed above. Make-up exams are only allowed if a student has a "verifiable documented emergency" (i.e. car accident, hospitalization, etc.) Make-up quizzes, however, are given at the instructor's discretion and depend on both the reason and the amount of notice given (a good reason with a week notice is much more likely to get a make-up than a "shaky" reason the day after the quiz).

**Homework:** Homework will be assigned online through MyMathLab (www.mymathlab.com). You will need both an access code and a course number to get into our course page. You will have a 17-day grace period before you must enter in your access code. Your textbook should have come with a MyMathLab access code. If it did not, you may purchase one online by following the prompts at mymathlab.com

**MyMathLab Course ID: yamada55207**

Online assignments will be made available and be due at various times throughout the semester so be sure to regularly check the course page. No extensions are possible, so make sure that you allow plenty of time to complete each assignment. There will be three types of assignments give to you in MyMathLab:

- Homework (H) is the most common type of assignment. On homework, your work is checked after you submit each question and you can instantly go back and fix a problem if it is wrong. You can attempt each problem and each assignment as many times as you wish.
- Review Quizzes (Q) are due on the same days as the in-class quizzes. On quizzes, your work is only checked after you submit the entire assignment. You also will not be told which questions you missed: you will only be given a score afterwards. You may take a quiz as many times as you want, but you must do all of the problems again and only your most recent score will count.
- Review Tests (T) are also due on the same days as the in-class tests. Tests are like quizzes: your work is only checked after you submit the entire assignment. However you can only take a test one time. There is no time limit however, so work carefully and check your answers ... once you submit it the score is final!

These three online assignments will combine together to form your homework score (as calculated and shown to you in MyMathLab). There is also the opportunity for extra credit:

- The Study Plan tab allows you to do assignments called “Quiz Me”. For each “Quiz Me” that you get 100% on, you will earn 1 Mastery Point (MP). For every 10 MP you earn, I will add one percent to your final homework grade. (Of course you are not expected to earn all 243 MPs. Don’t neglect your regular work to get these MPs; your regular work is worth more than this *extra* credit).

**STUDENTS ARE TO ADHERE TO THE CAMPUS POLICY ON ACADEMIC INTEGRITY AS OUTLINED IN THE CURRENT CATALOG.** See campus policy on Standards of Student Conduct as outlined in the current LA Mission College Schedule of Classes

**Cell phones and other electronic devices:** To avoid unnecessary interruptions in this class, all electronic devices must be turned off or on silent mode and kept out of sight. No calls or other interruptions will be tolerated unless there is an emergency or previously arranged agreement. Students not following this policy may be asked to leave class and any scores for that day will be zero. No cell phones are allowed to be out of backpacks during exams or quizzes. Use of a cell phone in any form during an exam may result in a score of zero for that exam.

**DSPS:** If you have a documented disability and wish to discuss academic accommodations, you can either contact me or contact the Office of Disabled Student Programs and Services (DSPS). The DSPS office is located at INST 1018 and can be reached either by phone at (818) 364-7732 or online at <http://www.lamission.edu/dsps>

Significant changes to the drop policy and class repetition are now effective:

**Last day to drop without a W:** In the past this was the census date, about the 3<sup>rd</sup> week of classes. It is now the same day as the last day to add, September 7 (in person), September 9 (online).

**Class repetition:** Students are limited to three attempts at passing a course with a “C” or better. Any letter grade or “W” counts as an attempt. And this rule is retroactive. This means for example that if a student got a “W” and a “D” in Math 115 two years ago, he has one more chance to pass before he is prevented from enrolling in Math 115.

## Math 240 Course Schedule - MW Lecture

Week	Monday	Wednesday
8/27 - 8/31	Introduction 1.1, 1.2	1.3, 1.4
9/3 - 9/7	<b>HOLIDAY</b> (no class)	2.1, 2.2 Quiz #1 (Chapter 1)
9/10 - 9/14	2.2, 2.3, 2.4	2.4, 2.5 Quiz #2 (Ch 2.1 - 2.2)
9/17 - 9/21	<b>Exam #1</b> (Chapter 1 - 2)	3.1, 3.2
9/24 - 9/28	3.3, 3.4	4.1, 4.2 Quiz #3 (Chapter 3)
10/1 - 10/5	4.2, 4.4	4.3, 4.4 Quiz #4 (Ch 4.1 - 4.2)
10/8 - 10/12	<b>Exam #2</b> (Chapter 3 - 4)	5.1, 5.2
10/15 - 10/19	5.2, 5.3	5.3, 5.4 Quiz #5 (Ch. 5.1 - 5.2)
10/22 - 10/26	5.4, 5.5	6.1 Quiz #6 (Ch. 5.3 - 5.5)
10/29 - 11/2	6.2, 6.3	6.4 Quiz #7 (Ch. 6.1 - 6.3)
11/5 - 11/9	<b>Exam #3</b> (Chapter 5 - 6)	7.1, 7.2
11/12 - 11/16	<b>HOLIDAY</b> (no class)	7.2, 7.3
11/19 - 11/23	7.4, 7.5 Quiz #8 (Ch. 7.1 - 7.3)	<b>HOLIDAY</b> (no class)
11/26 - 11/30	8.1, 8.2	8.3, 8.4
12/3 - 12/7	8.5, 8.6 Quiz #9 (Ch. 7.4 - 8.4)	<b>Exam #4</b> (Chapter 7-8)
<b>FINAL EXAM: Wednesday, December 12</b> <b>10:00am -12:00pm, CMS 222</b>		

**To register for LAMC Math 240 Fall 2012:**

1. Go to [pearsonmylabandmastering.com](http://pearsonmylabandmastering.com).
2. Under Register, click **Student**.
3. Enter your instructor's course ID: [yamada55207](#), and click **Continue**.
4. Sign in with an existing Pearson account or create an account:
  - If you have used a Pearson website (for example, MyITLab, Mastering, MyMathLab, or MyPsychLab), enter your Pearson username and password. Click **Sign In**.
  - If you do not have a Pearson account, click **Create**. Write down your new Pearson username and password to help you remember them.
5. Select an option to access your instructor's online course:
  - Use the access code that came with your textbook or that you purchased separately from the bookstore.
  - Buy access using a credit card or PayPal.
  - If available, get 17 days of temporary access. (Look for a link near the bottom of the page.)
6. Click **Go To Your Course** on the Confirmation page. Under MyLab / Mastering New Design on the left, click **LAMC Math 240 Fall 2012** to start your work.

**To sign in later:**

1. Go to [pearsonmylabandmastering.com](http://pearsonmylabandmastering.com).
2. Click **Sign In**.
3. Enter your Pearson account username and password. Click **Sign In**.
4. Under MyLab / Mastering New Design on the left, click **LAMC Math 240 Fall 2012** to start your work.

**Additional Information**

See **Students > Get Started** on the website for detailed instructions on registering with an access code, credit card, PayPal, or temporary access.