

Math 1060 Syllabus

Spring 2015

MATH 1060-005

Trigonometry

Spring 2015

Meeting time: MWF 11:50am–12:40pm

Instructor: Daniel Smolkin

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Office: JWB 314

Office hours: Tuesdays and Thursdays 2–3, or by appointment

Course website: <http://www.math.utah.edu/~smolkin/teaching/1060s15>

Course Description

Trigonometry is the study of angles, triangles, and periodic functions.

Prerequisites

One of the following:

- A passing grade (C or better) in one of: Math 1010, Math 1050, Math 1080
- A score of at least 23 on the math section of the ACT
- A score of 540 or better on the SAT
- The appropriate score on the Math Placement exam given through the Testing Center.

Please see me if you do not meet any of these requirements.

Course text

The course text is *Precalculus* by Larson, ninth edition. The course covers chapters 4, 5, and 6, as well as sections 10.7–10.8. We will be using WebAssign for this course, which comes with an online version of the book. **The class key for our course is utah 2196 1670.** You can also buy a paperback version from the university book store with unnecessary chapters omitted. This version is cheaper than the regular ninth edition of the book. **Use your uID to sign up for WebAssign.**

You will not need a calculator for this course.

Important Dates

- Midterm 1: Wednesday, February 18th
- Midterm 2: Monday, March 31st
- Final exam: Monday, May 4th, at 10:30am

Grading and Course Policies

Grading will be based on homework, quizzes, and exams. Each student's grade for the course will be broken down in the following way:

Homework	Quizzes	Midterm 1	Midterm 2	Final
15%	15 %	20 %	20 %	30 %

Homework will be posted on WebAssign on Friday evenings, starting January 16th. Homework will be due the Thursday after it's assigned (with two exceptions: one because of Spring Break and another at the end of the semester). The day after homework is due, we'll be having a quiz that **covers the same material. Quiz questions will mostly come from the homework, so make sure you've mastered the homework each week!**

Cheating will not be tolerated. Any homework, quiz, or exam on which we determine a student has cheated will receive a 0. **Calculators will not be allowed for exams and quizzes.** Cell phones must be turned off during exams. I don't care about cell phone use during class, as long as you are not distracting to other students. If you must pick up a call during class, please leave the classroom before doing so.

It is your responsibility to tell me as soon as possible if you will be missing an exam. You will not be able to make up an exam unless you let me know two weeks ahead of time that you'll be missing it, or you provide proof that you missed it for an emergency. There will be no make up quizzes, unless you miss a quiz for medical reasons. However, you will be allowed to drop your two worst quiz scores

If your final exam score is better than your midterm average, then your final exam score will replace your lower midterm score.

The grading scale:

A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
> 94	90-93	87-89	84-86	80-83	77-79	74-76	70-73	67-69	64-66	60-63	< 60

Tips for success

Come to office hours early; come to office hours often. If you don't seek help when you're confused about something in the course, things will only get worse! I'm here to help

The math tutoring center is a great place for (free!) student help. The tutoring center is located in room 155 of the T. Benny Rushing Mathematics Center, adjacent to the first floors of LCB and JWB. Their website is <http://www.math.utah.edu/ugrad/tutoring.html>

The department has video lectures corresponding to the course available at <http://www.math.utah.edu/Lectures>

For students convinced that they cannot do the math, there is a good website called Understanding Mathematics by Peter Alfeld, available at <http://www.math.utah.edu/~pa/math.html>

ADA Statement

The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability Services, 162 Olpin Union Building, 801-581-5020. CDS will work with you and the instructor to make arrangements for accommodations.

All written information in this course can be made available in alternative format with prior notification to the Center for Disability Services.

Course schedule (tentative)

1/12–1/16	Sections 4.1 and 4.2. Homework assigned due next week.
1/19–1/23	MLK day Monday. Sections 4.3 and 4.4. Homework assigned. Quiz on Friday
1/26–1/30	Sections 4.5 and 4.6. Homework assigned. Quiz on Friday
2/2–2/6	Sections 4.7 and 4.8. Homework assigned. Quiz on Friday
2/9–2/13	Section 4.8. Exam review. No homework assigned. Quiz on Friday
2/16–2/20	Monday: Presidents' day. Wednesday: midterm 1. Friday: section 5.1/5.2. No quiz. Homework assigned.
2/23–2/27	Finish section 5.2. Homework assigned. Quiz on Friday
3/2–3/6	Sections 5.3 and 5.4. Homework assigned. Quiz on Friday
3/9–3/10	Sections 5.4 and 5.5. No homework assigned. Quiz online
3/16–3/20	Spring break
3/23–3/27	Sections 6.1 and 6.2. Exam review. Homework assigned due 3/30 . No Quiz
3/31–4/3	Quiz on Monday. Midterm 2 on Friday. Get up to 6.3. Homework assigned
4/6–4/10	Sections 6.3 and 6.4. Homework assigned. Quiz on Friday
4/13–4/17	Sections 6.5 and 10.7. Homework assigned. Quiz on Friday
4/20–4/24	Section 10.8, applications, and review. Homework due 4/26 . Quiz on Friday.
Monday, 4/27	Last day of class. Review day. No quiz.
Monday, 5/4	Final exam at 10:30am