

MATH 1060 Sec. 5 MWF 10:45 - 11:35 AM, Room: SW 133

Instructor: Derrick Wigglesworth
Office: JWB 121
Office Phone: TBD
Email: derrick.wigglesworth@gmail.com
Website: <http://math.utah.edu/~dwiggles/>

Course Website: The course website can be accessed through my homepage. Midterm reviews and other course materials will be posted to the website. Additional resources can also be found on the course website. Homework assignments will be completed using Enhanced WebAssign.

Office Hours: Thursdays 2:00-3:00 and Fridays 1:00-2:00

Textbook: *Precalculus (Ninth Edition)*, by Larson. ISBN: 978-1-285-89421-8. Please see handout regarding the textbook.

Prerequisites: An Accuplacer CLM score of 60 or better OR an ACT math score of 23 or better OR an SAT math score of 540 or better OR a grade of "C" or better in MATH1010 OR MATH1050 OR MATH1080.

Grade Policy: The grades will be calculated as follows:

WebAssign Homework	15%
Quizzes	15%
Midterm 1	15%
Midterm 2	15%
Midterm 3	15%
Final Exam	25%

I will post grades online on Canvas. Canvas can be accessed easily from the main University of Utah webpage. You can log in using the same username and password that you use for Campus Information Services. You should check that your scores on Canvas agree with the scores on your returned work as I can make mistakes.

Course Objectives: The student should leave this course with:

- A fundamental understanding of trigonometric functions
- knowledge of the unit circle
- the ability to graph trig functions and their variants
- an understanding of inverse trig functions
- an understanding of applications of trigonometry to the real world
- knowledge of the fundamental trig identities
- knowledge of the sum, difference, double, and half angle formulas
- an understanding of the laws of sines and cosines including their applications
- an understanding of vectors, including different ways of representing them, norms, dot products, and cross products
- knowledge of complex numbers and polar coordinates
- the ability to graph polar equations

Calculators: There will be times when we use calculators in this class, and you should have one. It is your responsibility to learn to use your calculator (I will gladly help). I will NOT allow calculators on the final exam, however, I may allow calculators on one of the midterms. You may not use a graphing calculator on any exam. You can purchase a quality scientific calculator for around \$10.

Quizzes: There will be in class quizzes approximately every week. I will announce in class when the quizzes will be.

Homework: There will be weekly homework that you will complete online through WebAssign. You *MUST* have an Enhanced WebAssign access code in order to complete this homework. In addition, I will post a list of practice problems from the textbook for each section we cover. You should do (at least some of) these problems before attempting the WebAssign homework each week.

Academic (Dis)Honesty: Academic dishonesty will not be tolerated. If you cheat on a homework, quiz, exam or other assignment, I will give you a zero for that grade. Depending on the severity, I may decide to fail you from the class. In all cases, I will report the incident to the Dean of Students.

Extra Help: Do not hesitate to come to my office during office hours or by appointment to discuss a homework problem or any aspect of the course. You also may want to consider the Math Department Tutoring Center located in LCB 155. Information is available at: <http://www.math.utah.edu/ugrad/tutoring.html>. If you want to hire a private tutor, you can contact University Tutoring Services in 330 SSB. There is also a list of tutors in the Math Department Office (JWB 233).

University Attendance Policy: Students are expected to attend classes regularly. An excessive number of absences may result in failing my course.

Important Dates:

Last Day to Add	September 2
Last Day to Drop	September 4
First Midterm	September 20
Last Day to Withdraw	October 25
Second Midterm	October 25
Third Midterm	November 22
Final Exam	December 20 10:30-12:30

Students with Disabilities: 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, 581-5020 (V/TDD). 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.

Other Policies:

1. I do not allow the use of computers in my classroom.
2. There will be no retakes of exams. Ever.
3. You may take an alternate exam if you talk to me about it first and explain the extenuating circumstances. It is your responsibility to communicate with me as soon as possible, *before* the exam occurs. I reserve the right to make the alternate exam more difficult than the scheduled exam.
4. If you have circumstances which require flexibility, it is *your* responsibility to communicate with me as soon as possible. The longer you wait, the less willing I am to be accomodating.
5. If you have questions about or problems with an exam grade, you must bring them to my attention within one week of recieving your exam.
6. I will not offer any extra credit at the end of the semester or any other means for you to improve your grade at that time.
7. I reserve the right to alter these policies at any time as I see fit. If such changes are made, I will notify the class via email and post the updated syllabus to the course webpage.