

MATH 124 Calculus with Analytic Geometry I: Syllabus

Instructor: Gabriel Dorfsman-Hopkins (gdh2@uw.edu)
Office Hours : PDL C-008-G: Tues 10:30-11:30, Fri: 11:30-12:30
or by appointment
Lecture: MW 8:30-9:50 SAV 137
Worksheet and Quiz Section: Th 8:30-9:50 LOCATION TBA

Book

There is a **free ebook** available through webassign. The actual text is *Calculus*, by James Stewart, 7th Edition. Note that We're using a custom edition of Stewart's Calculus, available at the University Bookstore. There are two volumes: Volume 1 covers Math 124/125, Volume 2 covers Math 126/324. For this class, only volume 1 is needed (If you have a full version of the *7th edition: Early Transcendentals* containing both volumes that works as well). Older version should also work, but you may need to compare content.

Webpages

The two webpages you will need to know for this course are:

1. <http://www.math.washington.edu/~gdh2/m124w17>
2. <http://www.math.washington.edu/~m124>

The first is my own page where I will be posting daily summaries as well as other important information. It also has a complete schedule for the course, which will be updated throughout the quarter. The second is the general 124 page for the department. **It is your responsibility to check these sites regularly.** There is no excuse for missing important information because you failed to look on the course webpage. There are many resources available on these sites so please read through them carefully.

Objectives

This course will introduce you to differential calculus. We will study the derivative and its applications.

Grading

Raw grades will be computed* as follows:

<u>Category</u>	<u>Percentage</u>
Quizzes	10%
Worksheets	5%
Homework	15%
Midterm I	20%
Midterm II	20%
Final	30%
Total:	100%

*After evaluating the performance of the class over the entire quarter, I will adjust the median grade accordingly.

Homework

Homework is through WebAssign. Please log into WebAssign this week and add yourself to the course roster via the link:

<https://www.webassign.net/washington/login.html>.

If you do not have a license for WebAssign, you will need to purchase one. Information to do this can be found at the Math 124 page:

<https://www.math.washington.edu/~m124/IndexPages/summer2016index.php>

Homework deadlines vary from assignment to assignment. Please check WebAssign carefully or the schedule for specific dates. On quiz and worksheet days (Thursday), I will answer questions about the homework due that week. The calendar due dates are subject to change. All changes will be announced in lecture and on WebAssign. Make sure to log onto WebAssign as soon as possible and attempt the first several homework problems to make sure you understand how everything works. You should attempt the homework *before* Thursday so you know which questions to ask for help on. As before, your raw homework score will be out of 90, to account for illness, accident, travel and WebAssign glitches.

Quizzes and Exams

The first midterm will be on Thursday February 2nd, and the second midterm will be on Thursday February 23rd. The final will be taken during finals week, when and where TBA. Quizzes will happen roughly every other Thursday. See the schedule on the course webpage to remain up to date. You will be allowed to use **both sides of a single hand written standard 8.5×11 size paper**.

Calculators

You will only be allowed to use a TI-30x II-S calculator for quizzes and tests. These can be purchased for 14.95 at the university bookstore. **ANY OTHER CALCULATORS WILL NOT BE ALLOWED.** If you do not have the correct calculator, you will not be allowed to use it for the quiz or test.

Make-ups

In case of observance of religious holidays or participation in university sponsored activities, arrangements must be made at least one week in advance. If you miss an exam to *unavoidable, compelling, and well-documented reasons*, you will be given a make-up exam. If you do not have such a reason you will receive a 0 for that assignment. In general **most reasons that do not have a doctors note will NOT be accepted.**

DRS

The University of Washington is committed to providing access, equal opportunity and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation contact the Disability Services Office at least ten days in advance at 206-543-6450(V), 206-543-6452(TTY), 206-685-7264(FAX), or dso@u.washington.edu.

If you have a letter from the Disability Resources for Students (DRS) indicating that you have a disability which requires academic accommodations, please present the letter to me **as soon as possible** so we can discuss the accommodations you need. If you don't do this before the day of the quiz/exam, I may not be able to accommodate you.

Worksheets

On Mondays and Wednesdays we will have lecture as usual. On Thursdays we will be working on worksheets which we will work together on in groups. I will assign your worksheet groups at the beginning of the quarter, and perhaps adjust them as time goes on. The goal is to work together on these, if you are falling behind, ask your groupmates for help before asking me. If you feel like you are getting ahead, help explain details for your groupmates. Often explaining a concept can be a real challenge that will truly test your knowledge. These worksheets will be handed in to me on Mondays. **YOU WILL BE REQUIRED TO BRING THESE WORKSHEETS TO CLASS.** They can be printed from this website:

<http://www.math.washington.edu/~m124/source/worksheets/wsAll.pdf>.

Every other week Thursday will begin with a short quiz, and then progress into a worksheet section. Finally, our exams will also be taken on Thursdays.

Expectations

All my expectations can be summarized into the following points (in no order of importance):

- **Participate.** This means paying attention in class, asking questions, being respectful, and generally putting in solid effort into the course.
- **Prepared.** You are responsible for bringing all necessary materials (paper, pens, pencils, notebooks, etc.) to class. You will need to print out a copy of the worksheet for Thursdays. If you don't know which worksheet you will be working on you should ask.
- **Punctual.** Arrive to class on time every day. Showing up late is both disrespectful to the instructor as well as your peers. I will be marking students more than 5 minutes late as tardy, and more than 15 minutes late as absent.

Resources

Please use these resources as much as you need. Especially if you are struggling with a concept, need extra help, or more people to talk to, these are all great places to check out.

- The **instructor**. Please email me with questions.
- The **course webpages** above.
- The **Math Study Center** in Communications B-014 is open to students in Math 124. The Center provides a comfortable place and a supportive atmosphere for students to come together and study, in groups or individually. Student math tutors are always available to help you whenever the center is open. See <http://www.math.washington.edu/msc/> for more information.
- The **Student Counseling Center** provides academic skills workshops on a variety of topics, including stress management, test anxiety, and time management, to help you succeed at the University of Washington. If any of these is an issue for you, check out the schedule of workshops at <http://www.washington.edu/counseling/>.