

Welcome to *Math 124*, the 1st installment in the UW 1st-year calculus series! We are Section G and we meet in lectures on M,W,F at 1:30-2:20, GLD 322. You and your TAs meet in small quiz sections on T 2-3:20 DEN 305, Th 1:30-2:20 DEN 305 (GA); T 2-3:20 DEN 306, Th 1:30-2:20 DEN 306 (GB); T 12:30-1:50 DEN 305, Th 2:30-3:20 DEN 305 (GC). Lectures will focus on concepts while quiz sections will focus on problem solving. A class webpage is set up at <http://www.math.washington.edu/~tseng/124.html> to archive course materials, hmwks, and provide helpful comments.

Professor Paul Tseng (Office: Padelford C-344; Tel: 543-1177; Email: tseng@math.washington.edu). Yes, that's me standing in front. I received my Ph.D. from MIT and have been a professor at UW for about $\pi^{2.3}$ years. Office hours: Th 12-1:30pm or when I am free.

Teaching Assistants We have two TAs, who will lead quiz sections and assist with grading.

GA, GC: Samuel Wilson (Office: Padelford C-552; Email: wilsonsd@math.washington.edu)

GB: Wendy Cheng (Office: Padelford C-8G; Email: ccheng2@math.washington.edu)

Text *Calculus: Early Transcendentals*, 5th edition, by James Stewart (available from the University Book Store). Get the big one if you plan to take Math 126. We will cover Sections 1.2-1.3, Appendix D, 1.5-1.6, 10.1, 2.1-2.3, 2.5-2.9, 3.1-3.2, 3.4-3.8, 3.10-3.11, 4.1, 4.3-4.5, 4.7.

Prerequisites Math 120 or its equivalent. Knowledge of functions/graphs, trig, and story problems is needed.

Grading Your grade for the course will be computed according to the following proportion:

<u>Test&Hmwk</u>	<u>Points</u>	<u>Date</u>
8 worksheets (weekly)*	8	
7 hmwks (weekly)*	28	
3 quizzes (20-25 min. each)	30	Thursdays, Jan 13, Feb 10, Mar 3
midterm 1 (80 min.)	50	Tuesday, Jan 25
midterm 2 (80 min.)	50	Tuesday, Feb 22
final exam (2 hours 50 min.)	100	Saturday, Mar 12

* The final grade (in %) will be taken to be the maximum of the scores (in %) computed with and without the worksheets+hmwks being considered. [So the total points would be out of 230 in one case and out of 266 in the other case.]

Final GPAs are guided by the formula below:

<u>% range</u>	<u>GPA range</u>
> 90	4.0
70-90	3.0-3.9
50-69	2.0-2.9
30-49	1.0-1.9
< 30	0.0 or 0.7 or 0.8 or 0.9

The median GPA will be between 2.6 and 3.0.

Etiquettes The classroom is for studying. As a courtesy to your classmates, please refrain from talking loudly or arriving late or leaving early during lectures or quizz sections. (A loss of 5 minutes every lecture means a loss of about $5 \cdot 30 = 150$ minutes = 3 lectures!)

Homework Due to the large size of the class, only a small number of assigned homework problems, collected during quiz section, will be graded by a grader. Still, it's vital that you can solve *all* assigned homework problems since the exam and quiz questions will be patterned after the homework problems (in particular, the supplementary problems and the high numbered textbook problems). The problems and due dates for homeworks are posted at the class webpage <http://www.math.washington.edu/~tseng/124.html>. *Late homeworks will not be accepted.*

Study Resources Both I and the TAs are available to be of assistance to you outside of the classroom. Still, independent studying and studying with groups might be most useful to you. When I was a student, I spent 12-15 hrs reviewing lectures and doing (and redoing) lecture and homework problems. Other useful on-campus resources are:

- Math 124 materials website: <http://www.math.washington.edu/~m124>
- The Math Study Center, located in Communications B-14 and open on Mon-Th 9:30am–9:30pm; Fri 9:30am–1:30pm; Sun 2:00pm–6pm, is a friendly place for studying, getting assistance on problems, and exchanging ideas. The Center tends to be crowded on weekday afternoons, so try to go there in the morning or in the evening or on Sundays.
- Math Student Services, located in Padelford C-36 (543-6830) and open Mon-Fri 9am-12am & 1pm-4pm, answers questions about math courses, curriculum and programs.

Time conflict with an exam No make-up exam except in the event of a documented emergency. In the event of an unavoidable conflict with midterm exam (an athletic meet, wedding, citizenship interview, etc.), please notify me as soon as possible so that we can arrange for you to take a makeup exam near the actual exam date. In the event of an unavoidable conflict with the final exam, you will need to petition as soon as possible the Math Student Services Office in Padelford C-36 (543-6830) to take a makeup.

Materials allowed during quizzes and exams Calculator will *not* be allowed during exams and quizzes, unless otherwise specified. You may bring to the final exam one $8\frac{1}{2}'' \times 11''$ sheet of handwritten notes (written on both sides, if you wish). A sheet of notes will *not* be permitted during the weekly quizzes.

If it's incomprehensible, it's mathematics.

— Bennett Cern

Round numbers are always false.

— Samuel Johnson

In my free time I do differential and integral calculus.

— Karl Marx

