

## MATH 125-D: CALC. W/ ANALYTIC GEOMETRY II, WINTER 2017

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**COURSE DESCRIPTION.** This is a second-quarter calculus course, focused on integration and its applications.

**CLASS MEETINGS.** Mondays, Wednesdays, and Fridays, 1:30 PM – 2:20 PM, Condon Hall room 109.

**TEXTBOOK.** *Calculus* by James Stewart. We're using a version that's been customized for UW. There are two good ways to purchase the text: a physical version may be bought from the bookstore, or an electronic version may be purchased at the following address:

<http://www.cengagebrain.com/course/site.html?id=1883112>

Both of these options will come bundled with a WebAssign code, which you'll need to access the homework. This code covers Math 124, Math 125, and Math 126. Since a single-term WebAssign code is almost as expensive as the textbook if you buy it alone, I would not recommend paying for a used copy of the book.

**GRADES.** Your grade in the course will be based on the following:

**5% Worksheet Participation**

**10% Homework**

**20% Lower midterm score**

**30% Higher midterm score**

**35% Final exam**

**LECTURES.** Lectures are held on Mondays, Wednesdays, and Fridays. You are required to know all the material presented in lecture, but you are not explicitly required to attend, so you don't need to get permission for absences. If you miss class, you should check the online notes and discuss what you missed with a classmate.

**HOMEWORK.** Calculus is not a spectator sport (despite my petitions to the International Olympic Committee). The best way to improve is by *doing*, not *watching*, so homework is crucial. It's also the most time-consuming part of the course, so plan accordingly.

The homework schedule in Math 125 is a little bit different than in 124: all assignments are due on Wednesdays. Usually there are three assignments per week, all covering material from the previous week's classes. *Please plan ahead!* You are not meant to complete them all in one evening.

Homework will be submitted online through WebAssign:

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

After a two-week grace period at the start of the quarter, you'll need an access code to use WebAssign. This should come bundled with your textbook. If you bought a multi-term WebAssign code in Math 124, you should automatically have access.

Late homework will not be accepted, but you may miss a total of 10% of the homework points over the course of the quarter without affecting your final grade.

**QUIZ SECTIONS.** Quiz sections will be held on Tuesdays and Thursdays. Tuesday quiz sections are 50 minutes long, and will mostly consist of reviewing course content and homework problems. Thursday quiz sections are 80 minutes long and will usually involve worksheets. This is also where you take your midterms.

**WORKSHEETS.** Some Thursday quiz sections feature worksheets, which you will complete and discuss in groups. They are available on the course website and **you should print them out and bring them to quiz section.** Participation accounts for 5% of your grade.

**EXAMS.** There will be two midterm exams and one final exam.

- Midterm #1: Thursday, January 26th (during quiz section).
- Midterm #2: Thursday, February 23rd (during quiz section).
- Final Exam: Saturday, March 11th, 1:30–4:20 PM (room TBD).

Exams are cumulative (so be prepared to encounter material from earlier in the quarter). Makeups will not be given. If an unavoidable conflict arises, contact me *immediately*.

You may bring a *single, hand-written*, double-sided 8.5" × 11" sheet of notes to each exam.

You may use an **orange TI-30X IIS** on exams. Okay, fine, it doesn't have to be orange. But it does have to be a TI-30X IIS. You can get it from the bookstore. Other calculators will not be allowed on exams.

**OFFICE HOURS.** I've got three office hours per week. You can always drop by during this time without making an appointment. If my normal office hours don't work for you, send me an email and we can find another time to meet.

**Mondays, 2:45 – 3:45 PM:** Math 125 office hours

**Wednesdays, 2:45 – 3:45 PM:** Math 125 office hours

**Thursday, 3:00 – 5:00 PM:** General office hours

**WEBSITES.** Most of this information is also available at the course website:

[www.math.washington.edu/~ostroff/courses/2017/math125-win17](http://www.math.washington.edu/~ostroff/courses/2017/math125-win17)

The website includes a link to the Piazza discussion board, which is a great place to ask questions about material. And for more general information about Math 125, you can use the department's resource page at [www.math.washington.edu/~m125/](http://www.math.washington.edu/~m125/).

**OTHER RESOURCES.** The Math Study Center (B-014 in the Communications building) is open 9:30 AM–9:30 PM on Monday–Thursday, 9:30 AM–1:30 PM on Friday, and 2:00 PM–6:00 PM on Sunday. Other resources include CLUE and the IC. If you'd like more one-on-one tutoring, the Math Department maintains a list of local private tutors that you can hire at <http://www.math.washington.edu/Undergrad/tutorlists.php>.

**ACADEMIC HONESTY.** I take cheating very seriously, and will report any instances to the department of Community Standards and Student Conduct.

**STUDENTS WITH DISABILITIES.** 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](mailto:dso@u.washington.edu).