Math 124, Sections A&B, Winter 2009
Differential Calculus for single variable functions

Mathematics seems to endow one with something like a new sense -- **Charles Darwin**

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Class Websites:

- **http://www.math.washington.edu/~m124/** (general Math Dept. website for all sections of Math 124)
- **http://www.math.washington.edu/~nichifor/124W09.htm** (specific to our sections: Math 124 A and B)

Teaching Assistants (TAs):

Quiz Section	TA	Email
AA & AC	Guillaume Lajoie	glajoie@amath.washington.edu
AB & BA	Matthew Ward	wardm4@math.washington.edu
BB & BC	Alyson Deines	adeines@math.washington.edu

Reading Materials:

- **Textbook** (required)**: Calculus I, vol. 1 (6th Edition), by James Stewart**
  Note: This is a **CUSTOM** edition available at the University Bookstore (and **not** on Amazon or other online book merchants). This is the official textbook, and the one from which the homework is assigned. There are two volumes: Volume 1 covers Math124/125, Volume 2 covers Math126/324. For this class, only volume 1 is needed.
  If you already own the 5th edition of Calculus by Stewart and do not wish to buy the new edition, you will need to download the exercises from the publisher's website (see www.math.washington.edu/~m124/stewart6probs.php)

- **Math 124 Course Packet** (recommended).
  I encourage you to buy the Math 124 Course Pack (will be available soon at the University Bookstore). It contains all the information available online, including all the homework assignments, midterms and worksheets. You can print out the information yourself off the Math 124 Materials website, but having the package is more convenient.

Calculator: You will need a **scientific** calculator for Math 124 (one that has trigonometric functions, like *sin* and *cos*, as well as logarithms and exponentials). **Graphing calculators are not allowed on quizzes and exams.** A graphing calculator is any device with a multi-line display that has the ability to graph mathematical functions.

Grades: Your grade will be made up of the following components ((*) = the lowest grade gets dropped) :

- final exam = 30%
- midterm 1= 20%,
- midterm 2 = 20%
- quizzes = 10% total (*)
- homework = 15% total (*)
- worksheets = 5% total (*)

While grades may be adjusted depending on the class performance, the expected GPA correspondences are:
4.0 corresponds to a total of at least 93% of total points, 3.0 ~ 80%, 2.0 ~ 68%, 1.0 ~ 55%, 0.0 $\leq$ 50%

Exam dates:

Midterm I:	**Tuesday, February 3rd** (in your quiz section)
Midterm II:	**Tuesday, February 24th** (in your quiz section)
Final Exam:	**Saturday, March 14th, 1:30-4:20,** place to be announced.

Office hours: Office hours are set times when you can speak to me or to any of the TAs without an appointment – you are encouraged to just drop by. My office hours (and your TA's) for this quarter will soon be announced and posted on the web page. We hope to see you at office hours!

Homework: In order to do well in this class, you are expected to study (read your text and lecture notes) and to do homework for about 15 hours a week <u>outside</u> of class. This is a lot of homework, but it is necessary in order to master the subject! You are expected to read the appropriate chapters from the textbook in addition to coming to lecture. This class moves at a fast pace and the lecture is intended to cover the most important aspects of the material -- but it is not meant to cover all the material you are expected to master.

  Please read the **Homework Guidelines** on the class webpage carefully**.** I announce in class what problems are due and post this information on our class website. Usually the problems are from the weekly homework sheets posted on the general Math 124 course website (or in the course packet). Any changes will be announced in class and posted on our class website.

  It is OK to work with others on the homework or to get help, but make sure that you understand well all the problems, that you write your own solutions, and that you are able to solve similar problems on your own. **No late homework is accepted**, but we drop the lowest score at the end of the term, so you may miss an assignment for any reason without penalty to your grade.

Worksheets: Most *Tuesdays*, you will focus on solving a worksheet. **Print and bring your weekly worksheet with you to quiz section** (it is available online or in the course packet.) Some of the worksheets are used to introduce new ideas and methods that have not been covered in lecture, others give you practice with harder or longer problems. Treat the worksheets seriously as they help you learn how to think and write mathematics with your TA present to help you if you make a mistake. If you know how to do the problems, you should explain your reasoning to the others in your group. Each time, you will receive a score on the worksheet of 0, 1 or 2: If you attend your worksheet session and make an earnest effort on the worksheet, you will receive 2 pts. If you attend but leave early or do not participate actively, you will receive 1 point.
There are no make-up worksheets. Instead, we drop the lowest score when computing your worksheet grade.

Exams:
- Exams are cumulative. Midterms are 80 minutes long, while the final is 2hrs 50min long.
- One handwritten 8.5''×11'' sheet of notes is allowed during exams (double-sided).
- **Calculators: Graphing calculators are not allowed on exams**. A simple scientific calculator is allowed (and will also be useful on some of the homework problems too). No other electronic devices are allowed.
- The **Final exam** is common for all Math 124 sections, and will be held on Saturday, **March 14**. It cannot be taken at a different time unless exceptional and documented circumstances occur. If you need to take the makeup final due to a serious, unavoidable, and documented reason, you need to file a petition with the Math Department. Leaving town early for the break is not a valid excuse. Finals are never given earlier.
- **There are no make-up exams**. If you have a *compelling, unavoidable, and well-documented* reason for missing a test, speak to the professor about it as soon as possible.

Academic Misconduct is a serious offense and it will not be tolerated in this class. Details of the University's policy on cheating can be found at http://depts.washington.edu/grading/issue1/honesty.htm.

Additional Resources
- The **Math Study Center** (Communications B-014) is open to students in MATH 124/5/6.
  MSC provides a supportive place for students to come together and study, in groups or individually.
- To request disability accommodations, contact the Disability Services Office at least ten days in advance at: 206-543-8924 (Voice), 206-543-8925 (TTY), 206-616-8379 (FAX), or uwdss@u.washington.edu.
- The Student Counseling Center offers individual counselors and academic skills workshops on a variety of topics including **stress management, test anxiety, and time managemen**t to help you succeed at the University of Washington. If you suspect that any of these factors may affect your academic performance, I encourage you to take advantage of these resources early! A schedule of workshops is available at:
  http://depts.washington.edu/counsels/services/workshops/workshopstudy.html