Instructor: Dr. Alexandra Nichifor (nichifor@math.washington.edu)
Office: Padelford C-326 (phone 206-543-7898)

Class Websites:
- [http://www.math.washington.edu/~m125/](http://www.math.washington.edu/~m125/) (general Math Dept. website for all sections of Math 125)
- [http://www.math.washington.edu/~nichifor/125S09.htm](http://www.math.washington.edu/~nichifor/125S09.htm) (only for our sections: Math 125 A,B,C)

Teaching Assistants:

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<thead>
<tr>
<th>Quiz Section</th>
<th>TA</th>
<th>Email</th>
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<tbody>
<tr>
<td>AA &amp; AC</td>
<td>David Sprehn</td>
<td><a href="mailto:dsprehn@math.washington.edu">dsprehn@math.washington.edu</a></td>
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<tr>
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<td>Sweta Suryanarayan</td>
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Notes: We’re using a custom edition of Stewart’s Calculus, available at the University Bookstore. 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/~m125/stewart6probs.php](http://www.math.washington.edu/~m125/stewart6probs.php))

Calculator: You will need a scientific calculator for Math 125 (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.

Lectures: on MWF in SMI 102 (Section A at 9:30, Section B at 10:30, Section C at 11:30). You are responsible for knowing all that was announced or taught in lecture, even on the days you do not attend.

Quiz Sections: on TTh with your teaching assistant (TA) listed above. Note:
- Thursday’s quiz section is longer (80 minutes) and may start or end at a different time than Tuesday’s!
- Check your time schedule for rooms and meeting times and place of your quiz section.
- Discussing homework problems is an important purpose of your quiz sections. **Attempting the homework beforehand will allow you to benefit the most.**
- In addition, quizzes and midterms will be administered in quiz section, and on most Thursdays there will be a worksheet to introduce new ideas or to provide depth/extra practice on the lecture material. Please bring a blank copy of these worksheets with you to class on the announced days.

Grades: Your grade will be made up of the following components ($\ast$) = the lowest score gets dropped):
- final exam = 30%
- midterm 1 = 20%,
- midterm 2 = 20%
- quizzes = 10% total ($\ast$)
- homework = 15% total ($\ast$)
- worksheets = 5% total ($\ast$)

While grades may be adjusted depending on the class performance, the expected GPA correspondences are:
- 4.0 corresponds to a total of at least 94% of total points, 3.0 ~ 80%, 2.0 ~ 68%, 1.0 ~ 55%, 0.0 ≤ 50%

Exam dates:
- Midterm I: Thursday, April 23 (in your quiz section)
- Midterm II: Thursday, May 21 (in your quiz section)
- Final Exam: Saturday, June 6, 1:30-4:20, place to be announced.

The simplest schoolboy is now familiar with facts for which Archimedes would have sacrificed his life
Renan, Ernest, Souvenirs d'enfance et de jeunesse.
**Expectations:** This class is harder than Math 124, but also more interesting. Like before, in order to do well in this class, you are expected to study your text and lecture notes and to do homework for about 15 hours a week outside of class. This is a lot of work, 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 cannot possibly cover all the material you need to master! Your goal, as you study, should be to both understand the material well enough that you can explain it to a friend, and to be able to apply what you understand to solve harder problems in your homework or during exams. To reach a good level of understanding and proficiency, you need to do the assigned work early and thoroughly, pay attention, ask questions, get help when needed, and practice, practice, practice. There is much power and beauty in this class, so I hope you’ll also have some fun!

**Homework:** Please read the **Homework Guidelines** on the class webpage carefully. Presenting your solutions in a clear, correct, and complete way is very important. 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 125 course website (or in the course packet). Any changes to the homework or dues dates will be announced in lecture and posted on the website. **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.

**Office hours:** will be announced and posted. 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. We hope to see you soon at office hours!

**Worksheets:** Most Thursdays, 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.) Besides introducing some new ideas and methods that have not been covered in lecture, and giving you extra practice, the worksheets 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 would greatly benefit from explaining your reasoning to the others in your group. **Scoring:** 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 125 sections, and will be held on Saturday, **June 6.** 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 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](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 management** 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](http://depts.washington.edu/counsels/services/workshops/workshopstudy.html)