- **Instructor:** Dr. Rita Solomyak, PDL C-36J.
- **e-mail**: rsolom@math.washington.edu

  `http://www.math.washington.edu/~rsolom/308.html`
- Class will meet on MWF, 1:30 - 2:20 in **PAA 114**
- **Office Hours/Problem Work Session**: Mon 2:30-3:20, Tue 11:30-12:20.

  Problem work sessions are optional, as are office hours. They are held in a classroom to allow participation of all who are interested in discussing homework problems. You can come and leave any time and work on your assignment individually or in groups. I'll be there to answer your questions.

  Problem work sessions will start on third week of instruction, room TBA. Until then we will have office hours in PDL C-36J.
- **Text:** *Introduction to Linear Algebra* by Johnson, Riess and Arnold, 5th ed.
- **Topics to be covered:** We will cover Chapters 1,3, and 4 of the book. The students are expected to review the material of Chapter 2 by themselves. A solid knowledge of this material is essential for understanding the subsequent sections.
- **Prerequisites:** Math 126 with the grade of at least 2.0
- **Homework:** (12% of overall grade). The homework will be assigned weekly and collected on Wednesdays at the beginning of the class. You can slide your homework under the door of my office; in such case **you should e-mail me, otherwise your homework may not reach the grader on time.** The grader will check only a few problems, and your homework score will be based on those. There will be seven graded homework assignments. The lowest homework score will be dropped.

  In order that your homework is graded correctly and efficiently, the grader and I request that you (a) make your homework neat and well-organized, (b) do problems in order (if not, include a warning note at the beginning), (c) staple it.

  In learning the material the homework plays a key role. You may work together on the homework, but you must write it individually. The general rules for academic honesty apply to all written work.
- Quizzes (48% of overall grade): We will have five 15-minute quizzes in class. Each quiz is worth 12% of the overall grade; the lowest score will be dropped. Thus, the overall contribution from quizzes is 48%.

  No notes, printed material, calculators or other electronic devices are allowed for quizzes.
- **Make up policy:** There will be no make-up quizzes.
- **Tentative Calendar:**

  Quiz 1: Friday, Jan 15

  Quiz 2: Friday, Jan 29

Quiz 3: Friday, Feb 12

Quiz 4: Friday, Feb 26

Quiz 5: Friday, Mar 12

I reserve the right to reschedule a quiz. In such case I will notify you at least one week in advance.

- **Final Exam:** (40% of overall grade): Monday, March 15, 2:30–4:20 in class. The Exam is closed book, but you are allowed to bring one standard page of handwritten notes (both sides OK). No calculators or other devices are allowed on exam.
- **Grading**: Your grade will be based on the total number of points you earned for the homework and the exams. After the final I will decide which percentage corresponds to 4.0 and 2.0 (say, 4.0 could be 90% and 2.0 could be 60%) The intermediate grades will be then found by linear interpolation. If you do really well on the final your grade may be raised by .2 or .3.
- **How to get a good grade:** This course is very abstract, and thus is usually challenging for students. It will require very little memorization; rather you need to understand the concepts. There are no "independent" sections; each one is built on the previous ones, so you can only progress if you go thoroughly step by step. Here are some suggestions:

  1. Read the book and/or lectures notes after each class prior to the next one.

  2. Try to do all your HW by yourself. If you don't know how to solve a problem, read the book and try again, before you look for help. If you are still at a loss, talk to me personally or by e-mail.

  3. Participate in class discussions. Questions are welcome **any time** during the class.

- Students should keep a copy of each graded assignment. This is very useful should you have a question about your grade. Protect yourself and keep your work. You should also keep a copy of this syllabus.
- **CLASS MAILING LIST:** The mailing list has been created for this class

  `math308g_wi10@u.washington.edu`

  It can be used to send e-mail to everyone in the class.