

**Math in Society - Math 107 Section 1**  
**Monday-Thursday 12:30-1:35**  
**Winter 2011**

**Lecturer:** Juliet Lovejoy

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**Webpage:** [www.shoreline.edu/jlovejoy/Math107.htm](http://www.shoreline.edu/jlovejoy/Math107.htm)

**Office hours:** Mon/Tues/Weds/Fri 11 am-12 pm      **MLC Office Hours:** Thurs 10:30 am -12 pm  
(Feel free to e-mail or talk with me if you would like to meet at a time other than during my office hours or have any questions or concerns. When e-mailing, include the word "Math" in the title.)

**Office:** 5311

**Office Phone:** 546-4574

**Text:** *Using and Understanding Mathematics, 4th Ed.* by Bennett & Briggs (ISBN #0321458206)

**Materials:** Aside from the usual, paper, pencil, notebook, and folder, you will need a scientific calculator. You do not need a graphing calculator.

**Prerequisites:** Math 099 (2.0 or better) or 85 or higher on the Algebra COMPASS test

**Core topics:** Practical applications of mathematics, which includes financial math, probability & statistics.

**Lectures:** Monday to Thursday from 12:30 to 1:35 in room 2905. (No classes on January 17th and February 21st.) If you miss class, you are responsible for all missed material, assignments, and announcements. The website is a good resource for some of this information and you should get notes from a fellow student. If you know you need to miss class, e-mail me ahead of time so that you can keep up with our schedule. In addition to attending lectures, you will probably need to spend **1-2 hours** on math homework, reading, and studying **each night**.

**Homework:** Homework will be collected on Mondays and Thursdays with some exceptions. Homework will be due at the beginning of class. I will post the homework on the course website and will announce the homework (or any changes) in class. Homework will be graded out of 10 points; 4 points for completion, 2 points for the correctness of three selected problems. In order to receive credit, your work must be **complete, on-time, neat**, and problem-solving steps must be shown. Answers to application questions must be written in complete sentences or paragraphs. You can check odd answers in the back of the book. The 2 lowest homework grades will be dropped in final grade calculations. Late homework will not be accepted. Your first assignment is due Friday, Jan. 7th.

**Quizzes:** There will be a **weekly quiz** on Tuesdays (with some exceptions) based on the material covered in the homework. I will drop the lowest quiz score for each student in final grade calculations and allow each student to retake one quiz. In order to do so, the student must contact me to arrange a time and place for the retake.

**Projects:** Projects are a hands-on component of the course. The specifics of each project will vary based on each topic. I plan on having 4 midterm projects this quarter, but this is subject to change. Projects will be accepted up to three calendar days late, with a penalty of 10% of the maximum score per calendar day (rounding up on days).

**Final Project:** There will be a final project that will involve writing about and presenting a mathematical topic not covered in class. These presentations will occur on Wednesday, March 16th from 11:30 am - 1:20 pm.

**Grading:** Your overall grade will be made up of the following:

Homework: 25%	Quizzes: 30%
Projects: 30%	Final Project: 15%

- Final grades range from 0 to 4.0. To obtain a 4.0, the overall grade percentage must be 95% or above. Percentages ranging from 85% to 94% will result in a course grade from 3.0 to 3.9. Percentages ranging from 75% to 84% will result in a course grade from 2.0 to 2.9. Percentages ranging from 65% to 74% will result in a course grade from 1.0 to 1.9.
- The last day to withdraw from the course with a “W” grade or to switch to Audit is February 15th. The last day to switch to a Pass/No Credit grading option is Feb. 7th.

### **Other Class Policies:**

- Cell phones must be silenced and put away during class.
- Disruptive behaviors, such as excessive talking, will not be tolerated and may result in dismissal from class.
- Any behaviors that may be interpreted as cheating will result in a zero grade for the corresponding assignment or test for all involved parties. A second instance of cheating will result in a course grade of 0.0.
- If the campus is closed due to snow or another emergency, when class resumes, we will start where we left off. So, if an exam was scheduled for the day that classes are cancelled, that exam will take place the first day back at school. School closings will be posted on KIRO radio or on [www.shoreline.edu](http://www.shoreline.edu). If classes are cancelled for more than one day, look at our class website or call my office number to find out if there are any assigned readings and work from me.

### **Resources:**

- The Math Learning Center in the 2200 building (rooms 2201-2204) is open to students in Math 107. I strongly encourage/recommend for you to work with other students in the class. The MLC is an ideal place to do this. The center is staffed by learning assistants eager to help with any math-related questions that you may have.  
MLC Schedule: Monday-Thursday 8 am - 6:30 pm, Friday 8 am - 3 pm, Sunday 2 - 6 pm
- Students with physical or learning disabilities have a right to services and accommodations which will allow them to successfully compete on an equal basis with non-disabled students. To receive accommodations and services, students must request them each quarter they are needed. Requests can be made to the coordinator of services for students (546-4545, TTY:546-4520) with disabilities in the Foss building (5226).

This syllabus is subject to change. Any changes will be announced in class and an updated syllabus will be posted on the course website.