

# Elements of Precalculus - Math 111 Section 1

Monday-Friday 9:30-10:20

Spring 2010

**Lecturer:** Juliet Lovejoy

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**Office hours:** Tues 1:30-3:30 pm, Weds 12-1 pm, Mon 12:30-2 pm (MLC), Thurs 12:30-1:30 pm (MLC)  
(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.)

**Text:** *Elements of Precalculus, Fourth Edition* (ISBN #0470897988)

**Prerequisites:** MATH 099 (2.0 or better) or MATH 097 AND 098 (2.0 or better) or a score of 85 or higher on the Algebra COMPASS test (or equivalent score on SAT, ACT or ASSET.)

**Core topics:** Graphing and Problem Solving with Polynomial, Rational, Exponential,  
and Logarithmic Functions  
Average Rates of Change  
Mathematics of Finance (Interest and Annuities)

**Lectures:** Monday to Friday from 9:30 to 10:20 in room 2905. You are responsible for knowing all that goes on in lecture. (No classes on May 21st and May 31st.)

**Homework:** Homework will be collected on Tuesdays and Fridays unless otherwise specified. 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 15 points; 6 points for completion, 9 points for the correctness of three selected problems from the homework. To check your answers, look at the solutions manuals in the MLC or the library. Answers to the odd problems are in the back of your textbook. At the end of the quarter, the 3 lowest homework grades will be dropped for final grade calculations. Late homework will not be accepted. Your first assignment is due Friday, Apr. 2nd.

In order to receive credit for each assignment, it must be **complete, on-time (at the beginning of class)**, and meet the following criteria:

\***Problem-solving steps must be shown clearly** for all problems.

\*It must be on standard-size (8" × 11") paper with no fringed edges.

\*Pages must be stapled in order if there is more than one page.

\*Answers to word problems must be in complete sentences.

\*Graphs must be drawn with a straight edge and axes must be labeled and scaled.

**Quizzes:** There will be a weekly quiz based on the material covered in the homework. Quizzes will be graded out of 10 points. I will drop two of the lowest quiz scores for each student in final grade calculations. The quizzes will be on Tuesdays unless otherwise specified.

**Exams:** There will be two midterm exams and one final exam. The dates of the exams are as follows:

Exam 1: Friday, April 23rd

Exam 2: Thursday, May 20th

Final: Thursday, June 10th, 8 - 10 am

- You may submit corrections for the midterm exams for extra points added to your exam score (not to exceed a final score of 100% on each exam). **Corrections must be submitted on a separate paper along with the original exam.** The number of extra points possible is as follows:
  - Original score of 90% or above → up to 3 extra points possible
  - 80%-89% → up to 4 extra points possible
  - Below 79% → up to 5 extra points possible

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

Homework 10%	Quizzes 20%
Midterm Exams 20% each	Final Exam 30%

- 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 May 10th.
- The last day to switch to a Pass/No credit option is April 30th.

**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. A second instance of cheating will result in a course grade of 0.0.

**Resources:**

- The Math Learning Center in the 2200 building (rooms 2201-2204) is open to students in Math 111. 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.