

# Pre Calculus 2009 – 2010 Syllabus

## INSTRUCTOR

Miss Le  
Room 113

<http://web.mac.com/annie.le>  
[ale@urbansci.net](mailto:ale@urbansci.net)

## COURSE OVERVIEW

Pre-calculus combines many of the trigonometric, geometric, and algebraic techniques needed to prepare students for the study of calculus and strengthens their conceptual understanding of problems and mathematical reasoning in solving problems. Students will study coordinate geometry, graphing techniques, circular and trigonometric functions. Students will learn about functions such as exponential and logarithmic, and polynomial and rational. They will be introduced to sequences and series, vectors, limit functions, and the early stages of differential calculus.

## REQUIRED READING AND MATERIALS

The following materials are vital to your learning. Please bring these materials to class everyday.

1. Pre Calculus textbook (provided)
2. Notebook
3. Binder with loose-leaf paper and 5-tab dividers.
4. Pencil or black/blue pen.
5. Color pen or color pencil (red, green, etc. NO blue or black!)

## ASSESSMENT OF STUDENT PERFORMANCE AND COURSE REQUIREMENTS

- A. **Attendance.** Regular class attendance is crucial to your learning of pre calculus. Report to class regularly and punctually. You are responsible for all information from each class whether you attend or not. All absences must be cleared with the teacher.
- B. **Participation.** Students are expected to *actively participate* in class. That is, students are to share their solutions in class with peers and discuss how their solutions came about during assignment reviews and lectures. In order to do so, students must complete all assigned assignments. Also, students are expected to work in collaborative groups and be a contributing member of his or her group.
- C. **Grades.** Grades are calculated for each term based on the requirements below.
- |                  |            |
|------------------|------------|
| Do Now           | 20 points  |
| Quiz             | 50 points  |
| Notebook/Binders | 50 points  |
| Test             | 100 points |
| Project          | 200 points |

A	95 – 100%
A –	90 – 94%
B +	86 – 89%
B	83 – 85%
B –	80 – 82%
C +	76 – 79%
C	73 – 75%
C –	70 – 72%
D +	66 – 69%
D	63 – 65%
D –	60 – 62%
F	below 59%

**D. Assignment Policies.** Assignments are very important to this course. They must be done carefully and completely in legible writing. *All steps and computations must be shown to receive full credit.* Academic honesty is expected at all times; that is, no cheating, copying, or plagiarizing. If a student is suspected of cheating, that student will receive half of their earned points. If more than one student is suspected both students will receive the point deduction. If a student is blatantly cheating, he or she will receive zero points for the assignment and suspension.

- a. **Homework/Homework Quizzes.** Homework will be assigned everyday. A random assignment will be collected each week and counted as a quiz grade. It must be turned in the day it is due. *There is no make-up on this.* If a student is going to be absent, have a friend or family member turn in the entire week's homework assignments by the end of that day. If no homework assignment is turned in, you will receive zero (0) points.
- b. **Tests and Quizzes.** Tests and quizzes will be given periodically to assess students' knowledge and understanding of the material. Expect at least ten (10) tests and quizzes per term. For excuses absences, tests and quizzes can be made up on your own time (mainly after school).
- c. **Notes and Binders.** Students are required to keep their assignments and work organized. Periodically binders and notes will be checked.
- d. **Projects and Other Assignments.** Special assignments involving group work and extra time outside of the classroom will be required each term. Expect at least one project each term.
- e. **Late Assignments.** For assignments turned in late, 10% will be lost per late day, including weekends and holidays.