Student learning outcomes:

1. Evaluate real-world situations and distinguish between and apply linear and quadratic function models appropriately.

2. Analyze, interpret, and communicate results of linear and quadratic models in a logical manner from four points of view - visual, formula, numerical, and written.

3. Demonstrate an appreciation and awareness of applications in their daily lives.

Materials needed

- Course Textbook: Intermediate Algebra, 7th Edition, by Blitzer (myMathLab only)
- Course Pack (Available to print online or through bookstore)
- A pencil, pen, and highlighter
- Graph paper
- Additional paper for notetaking
- Scientific Calculator

NOTE: No cellphones may take the place of a scientific calculator. Cellphones are to be silenced and put away during class.

Academic integrity

Please familiarize yourself with the college Academic Integrity Policy. Students found violating the policy will receive a score of zero on the assignment which will not be dropped and will be reported to the dean (with possible expulsion resulting) for the grading policy

Grading Policy

Student grades will be determined based on quizzes, exams, and a final exam.

Homework (100 pts)– All homework is assigned on myMathLab. Sections are due on day of quizzes, with a final due date on the day of the test. See the Tentative Schedule for due dates. Questions done after the first due date will have a 30% penalty.

Quizzes – (200 pts). 10 in total. Check tentative schedule for what you are to turn in/being quizzed on. None are dropped. Unless otherwise specified, quizzes are given in class.

Quiz corrections – You have the option to do quiz corrections to receive half the points you've lost **UP TO 14 points**. In order to do quiz corrections, <u>homework must be completed by the day of the test</u>. <u>Corrected Quiz must be done on a separate piece of paper</u> and turned in with the original before the test!

Tests – (300 points) 3 in total. No makeups allowed. If your final is higher, it will replace the lowest test score (if you turn in corrections). The first test will be non-calculator.

Final - 200 points. The final will cover all the material covered in class.

Grades for the course will be mapped as follows:

90–100% A 719.5 – 800 points 80–89.9% B 639.5 – 719.4 points 70–79.9% C 559.5 – 639.4 points 60–69.9% D 479.5 – 559.4 points Below 60% F below 479.4 points