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# College Math Preparation: Beginning Algebra

## Math 212 Fall 2015 Syllabus

ROOM: De Anza College G6  
Weekdays 8:30–9:20 AM

### TEXTBOOK

*Intermediate Algebra for College Students*, 5th Ed., by Blitzer.

### STUDENT LEARNING OUTCOMES

- Evaluate real-world situations and distinguish between and apply linear and quadratic function models appropriately.
- Analyze, interpret, and communicate results of linear and quadratic models in a logical manner from four points of view - visual, formula, numeric, and written.
- Demonstrate an appreciation and awareness of algebraic applications in students' daily lives.

### REQUIRED MATERIALS

- Course textbook
- A scientific calculator
- A pencil, pen, and highlighter
- Notebook or binder for note taking
- Graph paper
- Scratch paper

### A NOTE ON CALCULATOR USE

Use of calculators is permitted in this course unless otherwise noted. Students may not share calculators during quizzes or exams. *Other electronic devices may **not** be used in lieu of a calculator.*

### 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 first offense.

### GRADING POLICY

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

Homework will be assigned and graded. Due dates will be announced in class, but will typically be on a Friday. Eight homework assignments will be collected and graded on a 20-point scale. **Late homework will not be accepted**, but the lowest of these eight grades will be dropped.

Follow these guidelines when completing your homework assignments:

- Homework is due at the beginning of class.
- Work your problems on standard-sized binder paper (graph paper for graphs).
- Staple all pages together *before* arriving at class.
- Write your name, the course name, and section (Math 114 Section 14).
- Circle or highlight the chapter and section number at the top of the page.
- Do all problems in order, number each problem and circle or highlight your answer.
- Show all intermediate work.
- You need not recopy word problems.

Quiz questions will typically be drawn from recent classroom examples, homework items, and problems similar to homework items. Eight quizzes will be given and graded on a 20-point scale. **There will be no make-ups for missed quizzes**, but the lowest of these eight grades will be dropped.

Three 100-point midterm exams will be given during the course of the semester. Midterms will typically cover three weeks' worth of material. **There will be no make-ups for missed midterm exams**,

but the lowest of these three grades will be replaced with the final exam grade (if higher).

A 100-point comprehensive final examination will be given at the end of the semester. This exam will focus on the most important topics covered during the course. The final exam is mandatory. **No make-up final exam will be given.**

Grades for the course will be mapped as follows:

90–100%	A	612–680 points
80–89.9%	B	544–611 points
70–79.9%	C	476–543 points
60–69.9%	D	408–475 points
Below 60%	F	below 408 points

### OFFICE HOURS

I am available to meet with students Tuesday through Friday 9:30–10:00 AM in E37.

### OTHER STUDENT RESOURCES

- Math, Tutorial Center in S43.
- Your classmates are an excellent resource. If you don't understand a concept, perhaps a friend in the class can help. You will accomplish more if you work together to learn.
- You may also find the following website helpful: [www.khanacademy.org](http://www.khanacademy.org)

### IMPORTANT DATES

- Oct. 4: Last day to drop with no record of grade
- Oct. 16: Last day to request pass/no pass grade
- Nov. 9: Veteran's Day – no class
- Nov. 13: Last day to drop with a "W"
- Nov. 26–27: Thanksgiving holiday – no class
- Dec. 04: Last day of class
- Dec. 8: Final Exam 7:00–9:00 AM

# Tentative Schedule: BEGINNING ALGEBRA Math 212

WEEK	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Sept. Week 1	9/21            Section 1.1	9/22            Section 1.2	9/23            Section 1.3	9/24            Section 1.4	9/25 <i>Catch up/Review</i> <b>Quiz 1</b>
Sept. Week 2	9/28            Section 1.5	9/29            Section 1.6	9/30            Section 2.1	10/1            Section 2.2	10/2 <i>Catch up/Review</i> <b>Quiz 2</b>
Oct. Week 3	10/5            Section 2.3	10/6            Section 2.4	10/7            Section 2.4.3	10/8            Section 2.5	10/9 <i>Catch up/Review</i> <b>Quiz 3</b>
Oct. Week 4	10/12           Section 3.1	10/13           Section 3.1	10/14           Section 3.2	10/15 <i>Catch up/Review</i>	10/16 <b>Midterm 1</b>
Oct. Week 5	10/19           Section 3.2	10/20           Section 4.1	10/21           Section 4.4	10/22           Section 4.4	10/23 <i>Catch up/Review</i> <b>Quiz 4</b>
Oct. Week 6	10/26           Section 5.1	10/27           Section 5.1	10/28           Section 5.2	10/29           Section 5.3	10/30 <i>Catch up/Review</i> <b>Quiz 5</b>
Nov. Week 7	11/2            Section 5.4	11/3            Section 5.4	11/4            Section 5.5	11/5 <i>Review</i>	11/6 <b>Midterm 2</b>
Nov. Week 8	11/9 <i>Memorial Day – no class</i>	11/10           Section 5.6	11/11           Section 5.7	11/12           Section 5.7	11/13 <i>Catch up/Review</i> <b>Quiz 6</b>
Nov. Week 9	11/16           Section 7.1	11/17           Section 7.1	11/18           Section 7.7	11/19           Section 7.7	11/20 <i>Catch up/Review</i> <b>Quiz 7</b>
Nov. Week 10	11/23           Section 8.1	11/24 <i>Review</i>	11/25 <b>Midterm 3</b>	11/26 <i>Thanksgiving – no class</i>	11/27 <i>No class</i>
Dec. Week 11	11/30           Section 8.2	12/1            Section 8.3	12/2            Section 8.3	12/3            Section	12/4 <i>Catch up/Review</i> <b>Quiz 8</b>
Dec. Week 12	12/7 <i>No class</i>	12/8 <b>Final Exam</b> <b>7:00–9:00 AM</b>	12/9 <i>No class</i>	12/10 <i>No class</i>	12/11 <i>No class</i>