

Math 212: Prep for College Math: Beginning Algebra – Winter 2016

COURSE MathD212.32 (33513)	DAYS TuTh	TIME 4 – 6:15 PM	ROOM S46	INSTRUCTOR: Kathy Plum
				OFFICE ROOM: S76H
OFFICE HOURS: TuTh 11 AM – 12:15 PM W 10 – 10:50 AM				E-MAIL: plumkathryn@deanza.edu
Website: faculty.deanza.edu/plumkathryn				

Welcome to Beginning Algebra. This is a **demanding**, but rewarding class. My responsibilities are to be prepared for class, work extremely hard to bring relevance of the material to class, and to help you through your struggles so that you are prepared for Math 114. Your responsibilities are to actively commit to this course by reading the text, doing your assignments, attending tutoring, coming to class prepared to ask homework questions, participate in class, and take quizzes and exams. If you cannot commit to a minimum of 10 hours per week for this course outside of class, then you should take this class in a quarter when you have the time. This is also a collaborative class. You will be expected to work with your classmates both inside and outside of class (no exceptions).

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.

Required materials: Intermediate Algebra for College Students by Blitzer, De Anza Custom 2nd edition with access code for MyMathLab , TI-30Xa or other scientific/graphing calculator, pencil, eraser, paper, ruler, graphing paper.

Homework: After doing problems from the book at the end of each section, you will do your graded homework in MyMathLab.com. Graded homework must be completed by 11:59PM on the date listed in MyMathLab. The program is set up to allow you **TWO** attempts at the graded homework with your highest score being recorded. Your lowest 11 scores will be dropped when calculating your course grade. Math cannot be mastered without working problems, therefore you should do several problems at the end of each section before attempting the MyMathLab assignment. If you don't feel you have mastered the material, do more problems than are in the MyMathLab assignments. The program is set up to give you a Study Plan for areas of weakness.

Quizzes: Eleven quizzes will be given during the quarter. Three will be done in class and the rest through MyMathLab where you'll have 40 minutes to take the quiz anytime during a 45 hour period. Online quizzes will open at 6:30 pm on the date listed on the calendar and close at 4 pm two days later. At the end of the quarter your lowest two quizzes will be dropped.

Exams: Three one-hour exams will be given during the first hour of class on the dates listed on the calendar. You are allowed one page of notes (8.5 x 11 inches both sides) to use during the exam. There are **no make-ups** (except by **prior** arrangement with the instructor and the exam **MUST** be taken **BEFORE** the scheduled exam). The second and third exam will contain some multiple choice questions covering material from earlier in the class as well as worked out problems.

Final Exam: A two-hour comprehensive multiple choice exam will be given as listed on the calendar. Two pages of notes (each 8.5 x 11 inches, both sides) are allowed to be used during the final exam. If your final exam score is higher than any one of your mid-term exam scores it will replace that exam score as well as count once on its own when calculating your course grade.

Projects: There will be two group projects each worth 50 points. More information will be given in class.

In-class activities: Daily, in-class group work may be completed and either checked in class for grade or collected for grading. Your lowest 3 scores will be dropped when calculating your course grade.

Attendance: Class attendance is essential to student success in math. You are expected to be present, prompt and prepared to ask questions about the assigned homework for all class meetings. Coming late to class or leaving early is irresponsible, impolite, disruptive to your classmates, and is not acceptable. However, even with the best of planning, "life" gets in the way sometimes. It is better if you come late than to not show up. If you miss more than two classes, I may drop you from the course. It is **YOUR** responsibility to drop the course should you decide to stop attending, **DO NOT** rely on me to do it for you.

Grading		Grade Scale (in percent)
3 exams @ 100 pts each	300	Above 96.9 A+
Final Exam	100	94 – 96.9 A
Quizzes 11@ 10 pts each	90 (lowest 2 dropped)	90 – 93.9 A-
Homework 48@ 3 pts each	111 (lowest 11 dropped)	87 – 89.9 B+
Projects 2@ 50 pts each	100	84 – 86.9 B
Worksheets @ 5 pts each	up to 90 (lowest 3 dropped)	80 – 83.9 B-
		77 – 79.9 C+
		70 – 76.9 C
		60 – 69.9 D
		Below 60 F

Accessing your grade: I use a program called Jupitergrades.com to track your grade for this course. You'll receive an email from me during the second week of class telling you how to access you grade.

Other:

- Talking and other disruptions during class will not be tolerated. De Anza will enforce all procedures set forth in the Student Standards of Conduct.
- Students are encouraged to form study groups and work outside of class together whenever possible.
- Anyone caught cheating on a test or quiz will receive an automatic 0 for that assignment and be reported to the PSME Dean. Those caught twice will be dropped from the class with a grade of F.

A Word about cell phones: It is my expectation that your phone will be silenced and stowed in your purse or backpack during class. They should never be seen while class is in session. They are absolutely not to be used as a calculator.

Tutorial Help: There are two tutorial centers on the De Anza campus. S-43 provides tutoring for Math and Science and L-47 for everything else. Drop-in tutoring is always available. Individual tutoring is also available. You must complete a form, provided by the Tutorial Center, during the first two weeks of the quarter to obtain one-on-one tutoring.

Testing or other accommodations: If you have a learning or other disability, please contact either the Educational Diagnostic Center (LCW-110, 408-864-8839) or Disability Student Services (SCS-141, 408-864-8753) to arrange for in-class and/or testing accommodations. Envelopes for exam MUST be given to me one week BEFORE the scheduled exam or quiz.

Outline of class topics by Week (subject to change as needed, although exam dates are firm)

Week of	Tuesday	Thursday
1/4/16	Introduction to class, Arithmetic Drill Sections 1.1 and 1.2	Quiz 1 – Arithmetic Sections 1.6 and 1.4
1/11/16	Sections 1.5 and 4.1	Sections 4.1 apps, 2.1 and 2.2
1/18/16	Sections 2.3 and 2.4 Start Project 1	Section 2.5 Review for Exam 1 Quiz 4 – Exam 1 prep at the end of class
1/25/16	Exam 1 – first hour Section 3.1 Graphing	Section 3.1 (Elimination and Substitution) Project 1 progress check
2/1/16	Project 1 due at beginning of class Section 3.2 part 1	Sections 3.2 part 2 and 4.4 (inequalities)
2/8/16	Sections 4.4 (systems) and 5.1 Start Project 2	Section 5.2 Review for Exam 2 Quiz 7 – Exam 2 prep at the end of class
2/15/16	Exam 2 – first hour Section 5.3 (GCF)	Sections 5.3 (grouping) and 5.4
2/22/16	Section 5.5 Presentations	Finish presentations Sections 5.6 and 5.7 (equations)
2/29/16	Sections 5.7 (apps) and 7.1	Section 7.7 Review for Exam 3 Quiz 10 – Exam 3 prep at the end of class
3/7/16	Exam 3 – first hour Section 8.1 Square Roots	Sections 8.1 (completing the square) and 8.2
3/14/16	Section 8.3	Review for Final Exam
3/21/16	NO CLASS	FINAL EXAM 4 – 6 pm

12/18/15