

Syllabus for Math 060 (Elementary Algebra)

| | | | |
|---------------------------------|-----------|-----|-------------------|
| College of the Canyons/Semester | Section # | Rm. | Meeting Days/Time |
|---------------------------------|-----------|-----|-------------------|

Your time commitment to this course includes:

- XXX hours per week in class writing notes from lectures, asking questions, *solving problems with your classmates*, and completing assessments such as quizzes and exams.
- XXX hours per week outside of class (xxx hours per day) reading the book before class, summarizing notes, completing homework, seeking help from the tutoring centers and instructor, reviewing returned exams, and preparing in advance for all chapter exams and the final exam.



Instructor Information

(Your name here)

e-mail:

phone:

Office:

Contact hours:

webpage:

Please feel free to visit me in my office during my contact hours to receive help on homework or to go over your exams. If you are not available during my contact hours, we'll try to find a time that fits into both of our schedules.

Web Sites

www.canyons.edu/offices/Counseling (Counseling Department)

www.canyons.edu/math (Mathematics Department)

www.assist.org (Student-Transfer Information)

Student Information

Please share with me any important information that I should be aware of in terms of your academic needs during the first week of class.

Supplies

1. Introductory Algebra, 1st Edition, by Robert Blitzer. (This is a custom edition sold through the COC bookstore.)
2. Mechanical pencil.
3. Yellow highlighter
4. Different colored pens.
5. Graph paper.
6. Lined paper.
7. Stapler.
8. Folder or binder to store syllabus, handouts, graded exams, quizzes, and homework.
9. A calculator is optional. They will not be allowed on the exams. If you decide to buy a calculator, a scientific calculator costing \$10 - \$15 will suffice and may be later used in Math 070. (Try the TI-30X IIS.)

Deadlines

| | |
|---|-------|
| Add and refund: | XXXXX |
| Drop without a W on transcript: | XXXXX |
| Credit/No Credit grading option: | XXXXX |
| Drop with a W on transcript (withdrawal): | XXXXX |

Course Description

Designed to develop beginning algebra skills, including the fundamental concepts of operating within the real number system, working with first degree equations in one unknown, identifying and evaluating functions, factoring of and multiplication of polynomials, and working with algebraic fractions, linear equations and graphs, systems of linear equalities, exponents and radicals, quadratic equations, and applications.

We will be covering the following chapters:

- Chapter 2: Linear Equations and Inequalities in One Variable
- Chapter 3: Problem Solving
- Chapter 4: Linear Equations and Inequalities in Two Variables
- Chapter 5: Systems of Linear Equations and Inequalities
- Chapter 6: Exponents and Polynomials
- Chapter 7: Factoring
- Chapter 8: Rational Expressions
- Chapter 9: Roots and Radicals (only covering part of the chapter)
- Chapter 10: Quadratic Equations (only covering part of the chapter)

Student Learning Outcomes

Students will be able to:

- Recognize and interpret equations of lines.
- Solve systems of linear equations.
- Factor polynomials.

Attendance, participation, and classroom etiquette.

- Attend every class session and the entire class session. I keep track of your attendance. If you miss class, obtain the notes from a classmate. If you arrive late, find a seat in the back of the class so that you do not disrupt others.
- Completing homework each evening allows you to participate fully in discussion of the material and consequently benefit from the information being provided.
- Be considerate of your fellow students and instructor by not talking, texting, or listening to I-Pods while lecture is in progress.
- I prefer that snacks be eaten outside of class during break and that beverages brought into class have a cap.
- COC has implemented a new smoking policy. Smoking is allowed in parking lots not near buildings.

It is your responsibility to drop the course. I have the option to drop or withdraw you from this course if your absences have exceeded six hours worth of class. Please e-mail me if you have several absences.

Lecture Schedule (Faculty should provide a tentative lecture schedule to their students.)

A tentative lecture schedule will be provided.

Homework Assignments (Faculty should provide homework assignments in one of the following three ways.)

The homework list will be provided either during the first day of class, before each unit exam, or within each class session.

(Ideally faculty should provide the lecture schedule and a homework assignment with the syllabus on the first day of class.)

Grades

(Adjust to how you plan to calculate the grades)

| | Percentage | | Grade | | Amount |
|---|------------|---|-------|---|--------|
| HW | 10% | x | | = | |
| Quizzes | 5% | x | | = | |
| | | | | | |
| Exam 1 | 12% | x | | = | |
| Exam 2 | 12% | x | | = | |
| Exam 3 | 12% | x | | = | |
| Exam 4 | 12% | x | | = | |
| Exam 5 | 12% | x | | = | |
| Exam 6 | 12% | x | | = | |
| <i>Remove your lowest score from Exam 1 – 6.</i> | | | | | |
| Final | 25% | x | | = | |
| Add up your amounts in the last column. Refer to the grading scale to find your grade. | | | | | |

Grading Scale:

A = 90 - 100

B = 80 - 89

C = 70 - 79

D = 60 - 69

F = 0 - 59

A grade of C or higher in Math 060 will be required to continue with Math 070 or Math 083.

The grade of incomplete is meant for students who are passing the course and an unforeseen extreme situation arises such as a hospitalization which prevents them from completing the last six to twelve hours of class.

Homework:

All homework scores will be grouped together as one unit.

Each section's assignment is worth 10 points.

I am looking to see if the section's assignment was completed and whether you showed your work.

Homework will be accepted one session late for half credit.

If you are out sick, please have another person turn in the homework for you.

Writing exercises, whether part of a homework assignment, quiz, or exam, must be written using complete sentences. (Statement about including supplemental instruction may be included here.)

Quizzes:

Quizzes will be given frequently and will cover problems directly from the homework.

The two lowest quiz scores will be dropped.

There will be no make-up quizzes and missed quizzes will receive a score of zero.

Chapter Exams:

(Faculty adjust according to number of exams and grouping of sections.)

Exam 1: Sections XX - XX (X sections with a focus on ...)

Exam 2: Sections XX - XX (X sections with a focus on ...)

Exam 3: Sections XX - XX (X sections with a focus on ...)

Exam 4: Sections XX - XX (X sections with a focus on ...)

Exam 5: Sections XX - XX (X sections with a focus on ...)

Exam 6: Sections XX - XX (X sections with a focus on ...)

Exam 7: Sections XX - XX (X sections with a focus on ...)

One lowest exam score will be dropped. (or faculty may replace the lowest score with the final score.)

There will be no make-up exams and missed exams will receive a score of zero.

If you are going to be absent on the day an exam is scheduled due to a doctor's appointment, discuss arrangements with me for taking the exam before the absence.

Final Exam:

The final exam is cumulative and will be given on **XXXX**. There will be approximately 40 questions. See the Mathematics Department webpage for sample questions and solutions.

A comment about academic dishonesty:

(Faculty make a statement about cheating.) If you are caught cheating on an exam or quiz, you will receive a score of zero for that assessment and the incident will be reported to the Dean of Students.

Resources (Geared toward classes at Canyon Country)

(Faculty may adjust this if they are teaching at Valencia. Will need to check on hours considering budget issues.)

Counseling (for Education Plans)

Canyon Country (Modular 1A) Monday – Friday 8:00 am – 4:00 pm (Liz Shaker or Julie Visner)

Student Services

Canyon Country (Modular 1C) Monday – Thursday 8:00 am – 7:00 pm
Friday 8:00 am – 4:00 pm

Financial Aid

Canyon Country (Modular 1A) Mon, Tues, Wed 8:00 am – 4:00 pm (Theresa Tuccillo-Smith)
Thursday 9:00 am – 7:00 pm
Friday 8:00 am – 2:00 pm
Valencia (SECO-110) Monday-Thursday 8:00-7:00; Friday 8:00-2:00;

DSPS (Disabled Students Program and Services)

Canyon Country (1B-110) Monday 10:00-4:00 (Stephanie Lee)
Valencia (SECO-103) Monday – Thursday 8:00-5:00; Friday 8:00-2:00; (661) 362-3341.

EOPS (Extended Opportunities Programs and Services)

Canyon Country (1B-110) Wednesday 9:00-12:00 (Cathe Bodie or Charlene Wright)
Valencia (Bungalow X9) (661) 362-5715

Student Health and Wellness Center

Canyon Country (1B-109) Tuesday/Wednesday 10:00 am – 2:00 pm (Diane LoPresti)
Students can make an appointment by calling 661.362.3259. Drop in visits are also available.

Tutoring Labs

Canyon Country (CCC-306): Monday-Thursday 9:00 am – 7:00 pm
Valencia (Bonelli-209) Monday-Thursday 8:00 am – 9:00 pm
Friday 8:00 am – 1:00 pm
Saturday 9:00 am – 1:00 pm

Library

Canyon Country (CCC-307): Monday/Thursday 9:00 am – 2:00 pm
Tuesday/Wednesday 9:00 am – 7:30 pm
Valencia Monday/Thursday 8:00 am – 8:00 pm
Tuesday/Wednesday 8:00 am – 9:00 pm
Friday 8:00 am – 4:30 pm
Saturday 8:00 am – 2:00 pm

Student Lounge (ATM, TV, arcade games, pool table)

Canyon Country (CCC-204) Monday – Thursday 9:30 am – 1:30 pm
Monday – Thursday 4:30 pm – 7:00 pm

Market Place Café

Canyon Country (CCC-303) Monday-Thursday 7:30 am – 1:30 pm

Bookstore

Canyon Country (CCC-302) Monday/Thursday 7:45 am – 1:30 pm
Tuesday/Wednesday 2:00 pm – 7:00 pm

Additional Resources

Math 011

There is a 1 unit CR/NC Math 011 course which reinforces and presents materials that accompany an elementary or intermediate algebra class. Although designed for students currently enrolled in Math 060 or 070, it may also serve as a refresher or preparatory course. Note: This class is offered online, but computers and assistance will be available at the Valencia campus.

MESA

Math, Engineering, Science Achievement

Valencia campus: Aliso Lab 114; (661) 362-3448; www.canyons.edu/offices/Mesa/

Internship Opportunities

Did you know that students with internship experience earn more money and find jobs faster than classmates without internship experience. To search for paid internships or to learn how to earn college credit using your current job visit www.canyons.edu/offices/cwee. (Please take into account your time commitment to this course.)