

# Math 43 - 0460

## Extended Elementary Algebra (Part II)

### Fall 2011

**Instructor:** Kaysa Laureano

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**Website:** <http://www.elcamino.edu/faculty/klaureano>

**Office Hours:** Monday, Tuesday, Thursday, and Friday (9am-10am), Wednesday (130pm-230pm)

**Office Location:** MCS 104A

**Office Phone Number:** 310.660.3593, ext 5203

**Class Time:** Tuesday and Thursday (10:45 am - 12:50 pm)

**Location:** MBBM 114

#### **Materials:**

**Textbook:** Introductory Algebra by Elayn Martin-Gay

- ◆ Pencil and Paper to take notes
- ◆ Graph Paper
- ◆ Stapler
- ◆ Scientific Calculator - NOTE: Graphing calculator is preferred
  - PHONES are not allowed to be used as calculators during class time ... this includes during exams!!

#### **Course Description:**

This is the second course in the two-course Extended Elementary Algebra sequence. Students in this course explore the concept of relation and its four fundamental representations: verbal, algebraic, graphical and numerical. Students show mastery of more advanced algebraic manipulation skills, including extracting roots and more advanced factoring. Students examine systems of linear equations, as well as quadratic, reciprocal and square root relations.

#### **Course Objectives**

The objectives for this course are:

- 1) Solve systems of two linear equations with two variables symbolically, graphically and numerically.
- 2) Solve quadratic equations symbolically, using a variety of algebraic methods, as well as graphically.
- 3) Perform operations with and simplify rational and radical expressions.
- 4) Set up and solve application problems using quadratic equations, rational equations and systems of two linear equations with two variables.

## SLO Statements

Upon completing this course, a student will be able to:

- 1) Simplify arithmetic expressions and algebraic expressions including exponential, rational, and radical.
- 2) Solve linear, quadratic, rational, and radical equations algebraically.
- 3) Graph lines and basic parabolas and use their graphs to find solutions to linear and quadratic equations.
- 4) Determine the equation of a line given a graph or points from a line.
- 5) Solve systems of linear equations algebraically and graphically.
- 6) Solve application problems.
- 7) Use a calculator to evaluate or check, simplified expressions and solutions to equations.

## Homework

Success in any math class is dependent upon completing (**and understanding!!**) all the assignments. If you don't do homework regularly you most probably will not do well in the class. In general, it is expected that students will spend a **minimum** of 2 hours outside of class for each hour spent in class. Spending more time on problem solving and helping other students is the best way to achieve success.

**Homework will be turned in ONLINE. Go to [www.mymathlab.com](http://www.mymathlab.com) and use the register. Use COURSE ID: laureano11723**

Again ...Homework is all SUBMITTED online. You are **ENCOURAGED** to keep your work in a notebook or three-ring binder just in case you have homework questions or grading questions.

Remember that you are **ONLY** submitting your answers online ... and it is impossible to show your work online. So the hard copy or "work" binder will be collected on days of the exams for my records .... This is not part of your grade, but it is useful when discussing your grades.

## Class work/ Group work:

This class is not a traditional lectured class. Classes will include lectures and group work where you are expected to work with your peers.

## Quizzes

There may be take home and in class quizzes. There are no make-ups on quizzes but the lowest will be dropped.

## Exams

You will be given 3 exams and a **CUMULATIVE** Final Exams. The following are tentative dates. Keep in mind that these dates may change.

**NO MAKE UP EXAMS WILL BE GIVEN!!!!!!**  
Final Exam will be given on the last day of class  
**Thursday December 15, 2010**  
**CALENDAR OF Quiz and Exam DATES:**

Day	Date	Agenda	Day	Date	Agenda
Tuesday	8/30	Introductions, Review	Tuesday	10/25	
Thursday	9/1		Thursday	10/27	Quiz 6
Tuesday	9/6		Tuesday	11/1	
Thursday	9/8	Quiz 1	Thursday	11/3	Quiz 7
Tuesday	9/13		Tuesday	11/8	
Thursday	9/15	Quiz 2	Thursday	11/10	Quiz 8
Tuesday	9/20		Tuesday	11/15	
Thursday	9/22	<b>Exam 1</b>	Thursday	11/17	<b>Exam 3</b>
Tuesday	9/27		Tuesday	11/22	
Thursday	9/29	Quiz 3	Thursday	11/24	HOLIDAY!! No class
Tuesday	10/4		Tuesday	11/29	
Thursday	10/4	Quiz 4	Thursday	12/1	Quiz 9
Tuesday	10/11		Tuesday	12/6	
Thursday	10/13	Quiz 5	Thursday	12/8	Quiz 11
Tuesday	10/18		Tuesday	12/13	
Thursday	10/20	<b>Exam 2</b>	Thursday	12/15	<b>Final Exam</b>

## Make-up:

Work missed for an unavoidable cause (death, illness, etc..) may be made up with my approval. Please make every effort to contact me as soon as possible when you know you will miss a class due to an emergency; do not wait until the next class to ask about being excused from an assignment. After an absence, it is the responsibility of the student to check with the instructor regarding the completing of missed assignments.

**If you miss an exam, your final exam score will replace it. This will only be done ONCE!!**

## Class Policy:

- Be prepared to work.
  - ◆ In other words, please bring a pencil or pen with paper to take notes in class.
  - ◆ On **EXAM DAYS**, please bring all necessary material, (pencil, eraser and calculator). You will not be allowed to share materials during exams.
- Do not talk unnecessarily in class, **BUT** do ask questions and participate in discussion.
- Please **PUT AWAY ALL CELL PHONES!!!!**
- **DO NOT** make phone calls in the classroom. YES ... Even if I'm not lecturing. Step outside the classroom to make important calls.
- Cell Phones: A word about cell phones. I expect you to be in attendance mentally and physically during class. Cell phones being answered are a disruption to the people answering and everyone around them. I will ask you to turn them off for class time. If you choose to answer (either by voice or by text) a cell phone during class time (even if you take it out into the hallway), I will assume you did so because it is an emergency and you will not be coming back to class. Please take all your belongings with you when you answer the phone and do not come back to class. Once you have decided to take a cell phone call in the middle of class you are not welcome back to class for the remainder of that day.

## Attendance:

Regular attendance is essential for success in this class and is a requirement to remain enrolled. Any student absent three or more meetings **may** be dropped from the class with a grade of "W" or "F". Failing to return to class after a break constitutes an absence.

**If you stop attending class or wish to drop the class, you must drop the class yourself officially by phone, internet or through the office of Admissions and Records. Failure to do so may result in a grade of "F" in the class. Please take note of important dates.**

Students are responsible for all announcements and activities done in class regardless of their presence. It is a good idea to exchange phone numbers with a few trusted fellow classmates in case you are absent from class.

## Academic Honesty Policy

Academic dishonesty or cheating is defined as an intentional act of fraud in which a student seeks to claim credit for the work or efforts of another without authorization. This includes assisting other students in acts of dishonesty or coercing student into acts of dishonesty, whether it is in coursework or on exams. There is absolutely **NO** tolerance for cheating in this class. Any student caught cheating or assisting another student in the act of cheating, will receive an "F" in the assignment and a report will be filed.

**Academic accommodation statement**

A student with a disability, who would like to request an academic accommodation, is responsible for identifying herself/himself to the instructor and to the Special Resource Center. To make arrangements for academic accommodations, contact (310) 660-3445 (TTD); (310) 660-3296 (Voice)

<b>Grades:</b>	<b>Percentage</b>	<b>Letter Grade</b>
Homework - 10%	100 - 90	A
Class-Work - 5%	89 - 80	B
Quizzes - 15%	79 - 70	C
Exam 1 - 15%	69 - 60	D
Exam 2 - 15%	59 and below	F
Exam 3 - 15%		
Final Exam - 25%		

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