

East Los Angeles College
Department of Mathematics
Math 125 Elementary Algebra MAP (5 Units)
Fall 2014 – Syllabus

Instructor Information:

Instructor: Gabriel Castro

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Instructor's Website: www.gcastromath.com

Office Hours: Monday – 2:00 – 3:30, Tuesday/Thursday – 12:30 – 2:00pm
Times subject to change due to meetings.

If you would like to make an appointment, please email me.

Course Information:

Section: 1803

Classroom: K7 – 109

Class Time: Monday – Thursday, 9:35am – 12:10pm

Class Dates: Tuesday, September 2, 2014 – Friday, October 24, 2014

Prerequisite:

Satisfactory completion of Mathematics 115 or acceptable level of skill as demonstrated in the mathematics placement process.

Course Description:

Reviews and extends concepts from Elementary Algebra and introduces new content to prepare students for a variety of subsequent mathematics courses. Polynomial, rational, radical, exponential and logarithmic expressions are simplified, equations are solved. Functions are graphed and studied. Linear and nonlinear systems of equations and inequalities; conic sections; sequence, series and the binomial theorem will also be studied. Application problems will appear throughout the course.

Course Materials:

Required Online Component: Math XL

My Math Lab Course ID: [XL1L-E1CX-901Y-30W2](#)

NOTE: Students will be dropped if MathXL is not purchased by 09/03/2014

Text: Elementary & Intermediate Algebra, Concepts & Applications Fifth edition, by Bittinger or
Elementary & Intermediate Algebra, Concepts & Applications Third edition
for East Los Angeles College, by Bittinger

Calculator: A scientific calculator is required. No graphing calculators.

Grading:

Green Book Assignments (4):	4%	A = 90% — 100%
Take Home Exams (4):	4%	B = 80% — 90%
Homework:	10%	C = 70% — 80%
Quizzes:	10%	D = 60% — 70%
Online Exams(4):	4%	F = 0% — 60%
Unit Exams (4):	40%	
<u>Comprehensive Final Exam:</u>	<u>28%</u>	

Attendance:

Attendance is the student's responsibility. Students are expected to be present at every class meeting. Failure to attend class will result in missing valuable information. All students are solely responsible for all information missed as a result of an absence. It is the student's responsibility to find out what they missed from their classmates.

If a student is absent at least 2 days of class, they will be dropped from the class.

Green Book Assignments:

Green Book Assignments are posted on Math XL. Each assignment will consist of exercises to reiterate main topics from the unit. These assignments are due the class meeting before a unit exam. Green Book Assignments must be completed as follows:

- i. Ordered properly
- ii. Legible
- iii. If a pencil is used, then all apparent mistakes must be erased. Not scribbled over.
- iv. If a pen is used, then all apparent mistakes must be covered with white-out. Not scribbled over.
- v. Must be done in a large Green Book/Blue Book unless otherwise specified.
- vi. Completed to the best of the student's ability. **All exercises must be attempted.**

If a Green Book Assignment is not submitted in this manner, the student will receive a grade of zero for the assignment.

Only selected problems will be graded.

Late Green Book Assignments will not be accepted and no extensions will be given.

No exceptions.

Take-Home Exams:

Take-Home Exams are posted on Math XL. Students must print them out and perform all relevant work on them. Take-Home Exams are due the day of the unit exam. Take-Home Exams must be completed as follows:

- i. Ordered properly
- ii. Legible
- iii. If a pencil is used, then all apparent mistakes must be erased. Not scribbled over.
- iv. If a pen is used, then all apparent mistakes must be covered with white-out. Not scribbled over.
- v. Completed to the best of the student's ability. **All exercises must be attempted.**
- vi. When turned in, all sheets of paper must be stapled.

If a Take-Home Exam is not submitted in this manner, the student will receive a grade of zero for the assignment.

Only selected problems will be graded.

Late Take-Home Exams will not be accepted and no extensions will be given. No exceptions.

Homework:

Homework assignments are posted on Math XL and are all on-line.

There is a "soft due date" for each homework assignment. This means a student can work on the assignment after the due date, but 10% will be deducted from the final score per day.

After the "soft due date", the student will have 2 days to complete and submit the assignment.

The only assignments that does not have a "soft due date" will be the homework assignments for Chapter 12 and 14.

Quizzes:

There will be 2 types of quizzes, 1. Online and 2. Take-Home.

1. The online quizzes will be on completed on Math XL and are due by 11:59pm of the night that they are assigned. They are timed and students have 30 minutes to complete the quiz. Students will have 2 attempts to complete each quiz and the higher score will be recorded.

2. The Take-Home quizzes are intended to encourage students to attend class regularly, take good notes and use them as a study guide. Students must print out these quizzes that are posted online on Math XL. They must be completed as follows:

- i. Legible
- ii. If a pencil is used, then all apparent mistakes must be erased not scribbled over.
- iii. If a pen is used, then all apparent mistakes must be covered with white-out not scribbled over.
- iv. Completed to the best of the student's ability. **All exercises must be attempted.**
- v. When turned in, if there are multiple sheets of paper they must be stapled in their correct order.

If a Take-Home Quiz is not submitted in this manner, the student will receive a grade of zero for the assignment.

Late Quizzes will not be accepted and no extensions will be given. No exceptions.

Online Exams:

The online exams will be on completed online on Math XL. They are timed and students have 90 minutes to complete each exam. Students will have 3 attempts to complete each exam and the higher score will be recorded. Each online exam must be completed the day before the corresponding in class unit exam.

Late Online Exams will not be accepted and no extensions will be given. No exceptions.

Unit Exams:

Unit Exams must be completed as follows:

- i. Legible
- ii. If a pencil is used, then all apparent mistakes must be erased. Not scribbled over. If a pen is used, then all apparent mistakes must be covered with white-out. Not scribbled over.

If a Unit Exam is not submitted in this manner, the student will receive a grade of zero for the assignment.

Exam #1:

Chapter 7: Functions and Graphs.

Chapter 9: Inequalities and Problem Solving.

Exam #2:

Chapter 8: Systems of Linear Equations and Problem Solving.

Chapter 10: Exponents and Radicals.

Exam #3:

Chapter 11: Quadratic Functions and Equations.

Chapter 13: Conic Sections.

Exam #4:

Chapter 12: Exponential and Logarithmic Functions.

Chapter 14: Sequences, Series and The Binomial Theorem.

Final Exam Date & Time:

Wednesday, October 22, 2014

10:00am – 12:00pm

Student Learning Outcome (SLO):

Given a quadratic equation in the form of $y = a(x - h)^2 + k$, students will:

- a. State whether the parabola opens upwards or downwards
- b. Find the coordinates of the vertex
- c. Write the axis of symmetry
- d. Find the x-intercept(s)
- e. Find the y-intercept(s)
- f. Graph and label the points

Extra Credit:

No Extra Credit will be given.

Student Information

Refer to the East Los Angeles College General Catalog 2013 – 2015, Pages 25 – 40.

Board Rule 9803.12 Dishonesty – East Los Angeles College – Policy On Academic Honesty

Refer to the East Los Angeles General Catalog 2013 – 2015 page 25.

Student Services

Refer to the East Los Angeles College General Catalog 2013 – 2015, Pages 41 – 49.

Disabled Student Program and Services (DSPS) – East Los Angeles College

Refer to the East Los Angeles General Catalog 2013 – 2015 pages 43 – 44.

Scholastic Policies

Refer to the East Los Angeles College General Catalog 2013 – 2015, Pages 50 – 67.

Electronic Device Class Policy:

An electronic device such as a cell phone, PDA, MP3 player (earphones included), Bluetooth device, computer and recording device may not be out and may not be used while the class is in session. Students must put all such devices away while the class is in session. If a student is caught with an electronic device in class, the student will be asked to leave for the remaining of the class meeting. Furthermore, being caught with an electronic device will result in a deduction of 25% on the upcoming unit exam. In order to not be deducted 25% on the unit exam, the student must submit an extra assignment that will be determined by the instructor.

Definition of caught with an electronic device in class:

If I see it the electronic device, if I hear the electronic device (that includes a phone ringing, beeping, vibrating, etc), if I see anyone texting or if I see any one checking their electronic device while the class is in session. This also means that the student will close all book bags, purses, etc and set them next to them on the floor or under their chair. The student will not be allowed to place their bag on top of their desk or on their lap while the class is in session. I suggest that each student turn off their phone put it away.

ELAC Fall 2014 Calendar

Monday, September 01	HOLIDAY - College Closed (Labor Day)
Tuesday, September 02	Day & Evening Classes Begin
September 02 - Sept. 12	Late Registration Period - Add Permit by Instructor Permission Only
Friday, September 12	*ADD DEADLINE-Last Day to Submit Add or Audit Permits in person for Full-Term Classes <i>(Date for short term classes is approximately 20% of term, please verify with Admissions Office or instructor)</i>
Sunday, September 14	*DROP DEADLINE #1- Last Day to Drop Classes Online Without Having to Pay Fees Last Day to Drop Classes Online Without "W" <i>(Date for short term classes vary, please verify with Admissions Office or instructor)</i>
Sept. 09 - Dec. 19	Graduation Petition Period
Friday, September 26	Last Day to Return Parking Permits
Friday, October 10	Last Day to File for Pass/No Pass <i>(Date for short term classes vary, please verify with Admissions Office or instructor)</i>
Monday, November 3	Check Refunds Mailed (for students who paid with check)
Friday, November 07	Last Day for Section Transfers
Tuesday, November 11	HOLIDAY - College Closed (Veterans Day)
Sunday, November 23	*DROP DEADLINE #2 - Last Day to Drop Classes Online with a "W" <i>(Date for short term classes vary, please verify with Admissions Office or instructor)</i>
Thursday - Sunday, November 27 - Nov. 30	HOLIDAY - College Closed (Thanksgiving)
Sunday, December 14	Last Day of Full Term Class Instruction
December 15 - Dec. 21	Final Examinations
Sunday, December 21	Fall 2014 Semester Ends

MAP important Dates:

- Census Date: 9/10/14
- No Penalty Drop Date: 9/9/14
- Last Day to Drop: 10/11/14

Math 125 Calendar

Week	Monday	Tuesday	Wednesday	Thursday	Friday
1	9/1/14	9/2/14	9/3/14	9/4/14	9/5/14
	Holiday	Ch. 7	Ch. 7	Ch. 7	
2	9/8/14	9/9/14	9/10/14	9/11/14	9/12/14
	Ch. 7	Ch. 9	Ch. 9	Ch. 9	
3	9/15/14	9/16/14	9/17/14	9/18/14	9/19/14
	Unit Exam #1 Ch. 8	Ch. 8	Ch. 8	Ch. 8	
4	9/22/14	9/23/14	9/24/14	9/25/14	9/26/14
	Ch. 10	Ch. 10	Ch. 10	Ch. 10	
5	9/29/14	9/30/14	10/1/14	10/2/14	10/3/14
	Unit Exam #2 Ch. 11	Ch. 11	Ch. 11	Ch. 11	
6	10/6/14	10/7/14	10/8/14	10/9/14	10/10/14
	Ch. 11 Ch. 13	Ch. 13	Ch. 13	Ch. 12	
7	10/13/14	10/14/14	10/15/14	10/16/14	10/17/14
	Unit Exam # 3 Ch. 12	Ch. 12	Ch. 12 Ch. 14	Ch. 14	
8	10/20/14	10/21/14	10/22/14	10/23/14	10/24/14
	Unit Exam #4		Final Exam		

➤ Note: Syllabus subject to change at the instructor's discretion.