

# Math 40 Elementary Algebra

Instructor: N. Bibb

Spring 2016

**Tuesday & Thursday January 19, 2016 – May 12, 2016**

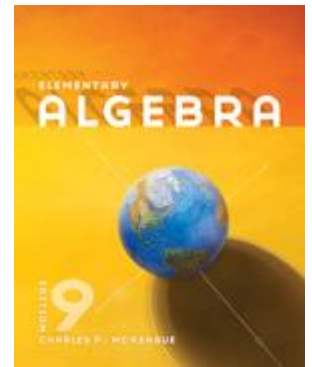
Section #: 9741 Room MS205 8:00 AM – 10:05 AM

SI Coach Session Room MS205 10:06 AM – 10:55 AM

Email: [nbibb@elcamino.edu](mailto:nbibb@elcamino.edu)

Office Hours & Location: Upon request or during class break

**Required Text:** Elementary Algebra 9<sup>th</sup> Ed by Mckeague  
Omit 7.6, 7.8, 9.4 and 9.5.



## Required Materials:

- |                                       |               |
|---------------------------------------|---------------|
| ♣ Pencils                             | ♣ Folder      |
| ♣ 3-Hole binder paper                 | ♣ Notebook    |
| ♣ Scientific Calculator TI-83 & above | ♣ Graph paper |

## College Mission Statement:

El Camino College makes a positive difference in people's lives. We provide excellent comprehensive educational programs and services that promote student learning and success in collaboration with our diverse communities.

## Course Description:

4 unit course  
This course in elementary algebra includes the study of real number solutions and applications of linear equations, quadratic equations, linear inequalities, and systems of linear equations. Other topics include coordinate graphing of linear equations, factoring techniques, and simplification of rational and radical expressions.

**Course Prerequisites:** Mathematics 23 with a minimum grade of C or Math 37 under special circumstance.

Mathematics 23 or Mathematics 25 with a minimum grade of C in prerequisite or qualification by testing (El Camino College Mathematics Placement Test) and assessment Credit, not degree applicable.

## Course Objective:

- Use the properties of the real numbers to evaluate, simplify, and factor algebraic expressions, including expressions with fractions and radicals.
- Solve linear equations and inequalities, systems of two linear equations with two variables, and quadratic equations.
- Set up and solve application problems using linear equations and inequalities, systems of two linear equations with two variables, and quadratic equations.

- Graph linear equations and systems of linear equations by plotting points or by using intercepts and the slope.
- Starting with a linear model in tabular, graphical or symbolic form, translate the model into the other two forms

**SLO Statements:**

Students should be able to:

- Recognize linear and quadratic equations in a given context, and use mathematical reasoning and problem solving skills to solve authentic, real world application problems.
- Use numerical and symbolic representations of mathematical ideas to simplify or solve linear, quadratic, rational, and radical expressions or equations.
- Use graphical methods to represent linear and quadratic relations as well as systems of linear relations and to find solutions to linear and quadratic equations, as well as solve systems of linear equations.
- Articulate the mathematical reasoning used in a variety of problems, orally or in writing.

**Attendance:** This course moves extremely fast and attendance and being on time is essential. A student will be marked tardy after **8:05 am** and will be consider absent after **8:15 am**. No student will be admitted to class after 8:15am. Tardiness is disruptive to the learning environment. There are no exceptions to this policy. Therefore, please be on time and ready for instructions each day with materials. If a student plans to miss a class, a written note or email must be submitted before 8:00 am on the day of the absent. It remains the instructor’s decision to excuse certain absences. Excused absences only protect the student from being dropped by the instructor and does not allow for make ups on any type of examination or turning in homework. It is ultimately the student’s responsibility to “drop” the course should they decide not to continue. It is also the student’s responsibility to find out about missed materials because I will not give this information by email, fax, or phone.

A student may drop by notifying the Office of Admissions & Records on or before **April 15, 2016**. Failure to do so may result in you receiving a grade of “F” and/or you being responsible for class fees. A student may be dropped from class when the number of hours absent exceeds the number of units assigned to the course. This rule also applies to excessive absences due to illness or medical treatment. The instructor reserves the right to drop a student after **3 unexcused absences. 3 tardies equals 1 unexcused absences**

**Class Rules:** Only enrolled students are allowed in the classroom. You are expected to remain in class for the full time that the class is scheduled (no walking in and out, please). NO eating, no drinking, no sleeping, no reading of unrelated material or no completing homework in advance during class time is allowed. You will be asked to leave if any of these occur. All electronic devices (ipads,ipods,tablets,cell phones) should be put on vibrate or completely turned off before entering the classroom. This includes answering the cell phones via voice or text. This is very disruptive to the entire class and you will be asked to leave and a disciplinary note sent to the Dean of Student Affairs. There are no warnings to this policy.

Cheating is not tolerated. Cheating is defined as looking at another classmates’ work or sharing calculators during a quiz, test or the final. An offense will result in a zero on the examination

and may also include a recommended suspension from the course with a possible grade of “F”. A notice will be sent to the Dean of Student Affairs.

**Homework:** Homework will be assigned each class session and should be done before the next class session. It should be on loose-leaf binder paper or graph paper, neatly organized with your name, title, due date and page numbers. NO late homework will be accepted and no substitutions of other assignments will be permitted. If you do not have the homework when collected than you receive a zero for the assignment. All homework must be turned in to me personally at the beginning of class only. All homework must be done in pencil. The homework will be collected at the conclusion of a chapters lecture.

**Grading:** Course grade will be based on the total number of points that you accumulate during the session on 10 cumulative Quizzes, 10 homework assignments, 4 test and a cumulative final. The lowest quiz grade and test grade can be dropped if you submitted all 10 homework assignments with a score of 7 out of 10 or higher.

**Quiz/Test:** All assessments are closed book without notes. Only the scientific calculator can be used on test. Each person is expected to do his or her own work. Any student who submits an assessment where there is evidence that he or she copied from another student on any question will receive a 0. This may also result in a possible grade of “F” in the course and notice sent to the Dean of Student Affairs

**Make up Policy:** No make ups will be given for any reason. If you miss any assessment then the drop option can be applied if you have earned it by having no missed homework.

<b>Points:</b>	Homework	10 points each	Test	100 points each
	Quiz	30 points each	Final	150 points each

No drop Grading Scale:	
851-950	A
756-850	B
661-755	C
566-660	D
0 - 565	F

Quiz/ Homework Schedule:	
Homework due	At conclusion of chapter lecture
Cumulative Quiz	Every Thursday
Cumulative Final	May 12, 2016

**Agenda:** Tuesday & Thursday

**Class Time:**

Class begins	8:00 AM
Tardy	8:05 AM
No Late Admittance	8:15 AM
10 minute break	8:50 AM
Lecture	9:00 AM
Class lecture ends	10:05 AM
SI Coaching	10:06- 10:55 AM

**2016 Important Dates:**

January 18	MLK Day Holiday (Campus Closed)
January 19	First day of classes
January 29	Last Day to Add
January 29	Last Day to Drop w/out “W”
February 11	Last Day to Apply for Graduation & Certificates
February 12	Lincoln’s B-Day Holiday (Campus Closed)
February 15	Washington B-Day Holiday (Campus Closed)
March 12-18	Spring Break (Campus Closed)
March 19	Mid-term classes begin
<b>April 15</b>	<b>Last Day to drop with a “W”</b>
May 12	Final Exam - Last Day of Class
May 13	Commencement

**Special Accommodations Statement:** Student must have documentation for special arrangements on assessments. The documentation must be presented ahead of time so planning can take place. This documentation must be presented by the second week of the semester.

**Disclaimer Statement:** Students will be notified ahead of time when and if any changes are made to course requirements or policies.

**Student Success Center / tutoring:** Computer assisted instruction is available on the second floor of the Library-Student Success Center. Tutorial assistance is offered free to help students succeed in their studies. Check the tutor’s schedule posted in the Student Success Center.

**WebAssign Class key: elcamino 7348 7382**

**Supplemental instructions:** This class has been assigned a SI coach. The SI coach will attend all class sessions and give extra study skills assists after each class session from 10:06am – 10:55 am. The room location is MS205



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WEEK	TUESDAY	THURSDAY
1	<b>Jan 19</b> 1.1-1.3	<b>Jan 21</b> 1.4-1.6
2	<b>Jan 26</b> 1.7 – 1.8	<b>Jan 28</b> 2.1-2.3 Chapter 1 hmwrk due
3	<b>Feb 2</b> 2.4-2.6	<b>Feb 4</b> 2.7-2.9
4	<b>Feb 9</b> Review <b>Exam 1</b> chapter 2 hmwrk due	<b>Feb 11</b> 3.1-3.3
5	<b>Feb 16</b> 3.4-3.5	<b>Feb 18</b> 3.6-3.7
6	<b>Feb 23</b> 4.1-4.3 Chapter3 hmwrk due	<b>Feb 25</b> 4.4 Review
7	<b>Mar 1</b> Review <b>Exam 2</b> Chapter 4 hmwrk due	<b>Mar 3</b> 5.1-5.3
8	<b>Mar 8</b> 5.4-5.6	<b>Mar 10</b> 5.7-5.8
9	Mar 15-Spring Break	<b>Mar 17</b> -Spring Break
10	<b>Mar 22</b> 6.1-6.3	<b>Mar 24</b> 6.4-6.6 Midterm hmrk due
11	<b>Mar 29</b> 6.7-6.8	<b>Mar 31</b> Review <b>Exam 3</b> Chapter 6 hmwrk due
12	<b>Apr 5</b> 7.1-7.3	<b>Apr 7</b> 7.4-7.5
13	<b>Apr 12</b> 7.7 Review	<b>Apr 14</b> 8.1-8.3 Chapter 7 hmrk due
14	<b>Apr 19</b> 8.4-8.6	<b>Apr 21</b> Review <b>Exam 4</b> Chapter 8 hmrkdue
15	<b>Apr 26</b> 9.1-9.3	<b>Apr 28</b> 9.4-9.6
16	<b>May 3</b> Chapter 9 hmwrk due	<b>May 5</b> Final Review
17	<b>May 10</b> Final review	<b>May 12</b> Final Exam