

## Math 110 Syllabus --- Math Emporium

**Course Description:** Math 110 Elementary Algebra covers elementary algebra concepts, including: real numbers and their properties; algebraic expressions; integer exponents; operations with polynomial expressions; linear and quadratic equations; linear inequalities and set notation; graphs of linear equations and inequalities; slope; systems of linear equations and inequalities; and, an introduction to rational expressions and modeling with linear and quadratic equations.

In one semester, you *decide your pacing*.

In this program, you can **ACCELERATE THROUGH YOUR MATH...**

AT LEAST FINISH

110



YOU CAN DO MORE!

110

AND

Start or complete 55

### Fill in the Following Information:

My Instructor: \_\_\_\_\_

Email: \_\_\_\_\_

Office Hours: \_\_\_\_\_

Office Location & Phone: \_\_\_\_\_

Final Exam date: \_\_\_\_\_

Final Time: \_\_\_\_\_

- Pearson MyMathLab Access Code. This can be purchased in the Bookstore or online through the MyMathLab website. It will be applied to a course based on the eText ***Interactive Developmental Mathematics 1/E by Rockswold and Krieger***.
  - The course ID is: <This will be supplied on the first day of class.>
- Recommend a binder with loose-leaf paper or a notebook.
- Mandatory: A way to scan handwritten documents to pdfs for submission.
  - Cellphone with scanning software (directions given on first day of class)
  - A printer/scanner with the ability to scan multiple pages into a single pdf file.
- Mandatory: A computer/laptop for online work.
- Mandatory: A reliable internet connection.
- Mandatory: A Webcam and Microphone.
- This course uses Proctorio for test proctoring. A free service for LPC students: [http://www.laspositascollege.edu/onlinelearning/online\\_services/online\\_proctoring.php](http://www.laspositascollege.edu/onlinelearning/online_services/online_proctoring.php)

**Please contact your instructor as soon as possible if you have technology needs.**

### Attendance Policy:

Students who miss the first meeting of the course will be dropped – immediately communicate with your instructor if you cannot sign into class on the first day of classes, June 14 (Monday).

For this course, students who do not log into their Canvas course to access a Zoom class meeting and complete all of their orientation assignments in both Canvas and MyMathlab by the third day of classes will be dropped.

Students will be dropped if they have not submitted work for 1 week in **BOTH** of the following categories:

- Participation (Discussion boards and Check-ins)
- AND**
- Math Assignments (Labs, Interactive Assignments, Homework, Practice Tests, and/or Tests)

If, at any point during the semester, you cannot meet these requirements, then please contact your instructor.

**While you are encouraged to attend your own section**, you are welcome to attend any other Math Emporium class to further your self-acceleration. However, please note that only your instructor can review your exams with you.

**Participation:** Each week you will earn participation credit in the course by completing the following assignments:

- Weekly check-in Assignment - You will submit some information at the end of each week that summarizes your progress for the week and what you plan to complete the following week.
  - Class wide Discussion Boards – There are two types: Working Together and Assorted Topics that will occur on alternating weeks.
    - In the Working Together discussion board, you will be asked to share with your classmates a topic/question that you would like some help with or to share a problem that you solved and the steps you took to solve that problem. You will also respond to your classmates' posts.
    - In the Assorted Topics discussion board, you will be challenged to think about some study skills, habits and mathematics that you encounter throughout the course.
- More detailed directions for these assignments can be found in Canvas.

**Lab Assignments:** Your Skill-Builder and Essential-Review assignments make up your labs. The answers to these assignments are checked through an online assignment, and **must be completely written up** prior to taking your Chapter Test. The score earned on a lab grade is a part of your course grade, so work carefully.

**Lecture notes and Interactive Assignments:** Each section has a set of follow-along lecture notes that must be completed while working through the Interactive Assignments. **The notes must be filled in** and you need to earn a 90% on the interactive assignment before completing the homework questions for a section. Completed notes will be checked before you are allowed to take your Chapter Test. You can either print these notes out or neatly write them up in your math notebook.

**Homework:** Like the Interactive Assignments, homework does not count towards your course grade, but you must master each section with 90% or more to move on to the next section in the chapter.

**Chapter Practice Test:** These online assignments are taken prior to each Chapter test. You must earn at least a 90% on this assignment to be eligible to take your Chapter Test. Like the interactive assignment and homework, the grade on this assignment does not count towards your course grade.

#### Chapter Tests:

- Each chapter has a test, some have two if we felt it was better to break them up into part A and part B.
- Each test MUST be passed with a score of 80% or more to demonstrate Mastery of the material before moving on to the next chapter.
  - You have three tries to accomplish this.
  - Students not passing after three tries will be given a modified version of the exam (slightly longer, problems that have slightly increased in difficulty) and must pass it with an 84% or more.
  - The average of the attempts will be used as the score for that chapter. Supporting work for test answers must be submitted or credit will not be given for those answers.
- Work must be uploaded to the Chapter Test Work Upload assignment in Canvas within 10 minutes of submitting the exam. Any questions that do not have work to support their answers will not be given credit, so your overall test score could drop.
- One of the best ways to learn material and demonstrate understanding is to be prepared to present it to someone else, in your own words communicating the concepts in a clear way. Upon review of your exam with your instructor in ZOOM (not optional – Video and Audio on), you may be asked to explain the work that leads to your answer. Please therefore approach this exam with the understanding that you may be asked to explain, in your own words, every detail of your solution and thought process to ensure learning. This oral explanation can also affect your grade on the exam since the goal is to assess your understanding of the process.

#### Midterm and Final Exam:

- Unlike the chapter test, you do not need an 80% to move beyond it.
- The score you earn is what you get.

- These exams can only be taken once.
- The Midterm covers Chapters P - 10
- The Final is comprehensive and covers Chapters P -13. Like Chapter tests, supporting work for test answers must be submitted.
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**Course Grade:** Based on Mastery Learning of the material: A: 92 – 100, B: 84 – 91, C: 76 – 83, D: 68 – 75, F: 0 – 67.

Your course grade is determined by:

Participation – 15%

Labs – 10%

Chapter Tests – 45%\*

Midterm – 15%

Final – 15%

\*Tests that have taken more than one try will be averaged together. The two lowest non-passing test score of multi-attempted tests will be dropped.

**Your current course grade will be available to you in your Canvas grade book.**

Students are encouraged to select the PASS/NO PASS grade option for this course. However, check with a counselor if you are unsure if you need a letter grade or if a Pass/No Pass is fine.

### **Progress in an Emporium Mode:**

During the semester,

- In the event a student does not complete the course material, then work will be saved up to a student's furthest passed test. As long as the student enrolls in the Emporium mode the next semester (Fall to Spring, Spring to Summer/Fall or Summer to Fall) then the student will pick-up where they left off. However, the student will receive a failing grade for the current semester.
  - Note: Progress is only maintained from semester-to-semester if additional tests are passed each semester.
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### **Getting Help:**

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- You may also attend any other Math Emporium class to get help or take tests. Join any ZOOM class meeting via your Canvas home page from 9:30am – 12:45pm and 1:45pm - 5:30pm Monday through Thursday. There are no class meetings on Friday, Saturday, or Sunday.

- Attend instructor office hours and/or email questions.
- Need help after hours? Free math help is available via NetTutor and the LPC Tutorial Center in Canvas.
  - NetTutor is located in the left-hand menu in your Canvas course. Just click the link and follow the directions.
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**Announcements:** Please check for posted announcements in your Canvas course. You will also need access to an email account that you check regularly for updates and communications from your instructor – preferably this is your school email account.

**TIPS:**

- Stay motivated. Use the Target Dates as guidelines for pacing.
- Plan for the unexpected. Give yourself some wiggle in your schedule to adjust as needed.
- Ask for help often. The Emporium staff are available to assist you in your learning.
- Work outside of class just like any other class.
- Communicate with your instructor regarding any missed Zoom meetings/lapses in activity.

**Important dates:**

<b>Summer Semester: 06/14 – 08/05</b>	<b>NGR: June 22</b>	<b>Census Date: June 23</b>
<b>Credit/No Credit: June 28</b>	<b>Last Day to W: July 23</b>	<b>Final: August 5</b>

**Holidays (No Classes):**

**July 5: Independence Day Observance**

**Expected Course Outcomes:** Upon completion of 110 the student should be able to:

- perform operations with real numbers;
- identify properties of real numbers;
- simplify algebraic expressions;
- translate a verbal statement into an algebraic expression;
- solve linear equations in one variable;
- solve a formula for a specified variable;
- solve and graph a linear inequality in one variable and express the solution using correct interval or set notation;
- develop and graph linear equations in two variables using various methods;
- apply concepts of slopes and rates of change;
- develop and describe basic linear models;
- solve systems of linear equations in two variables by graphing;
- solve systems of linear equations in two variables by either the elimination or the substitution methods;
- solve linear inequalities in two variables and systems of linear inequalities in two variables;
- apply the rules for integer exponents;
- write numbers and perform computations using scientific notation;
- simplify, add, subtract, multiply and divide polynomial expressions;
- employ factoring techniques, including the difference of two squares and the sum and difference of two cubes, to factor polynomials completely;
- solve quadratic and polynomial equations by factoring;
- simplify rational expressions; multiply and divide rational expressions;
- add and subtract rational expressions with like denominators;
- apply algebraic methods to represent, analyze and solve applied problems involving linear and quadratic equations.

**Student Learning Outcomes:**

Upon successful completion of 110 a student should be able to:

- Construct multiple representations of a linear equation (numerical, graphical, or symbolic). (*Multiple Representations*)
- Interpret slope in the context of a problem. (*Communication*)
- Construct a linear model based on a given situation. (*Modeling*)
- Solve a polynomial equation using factoring techniques. (*Problem Solving*)

**LPC College Policies:** Per Las Positas College policy as stated in the college catalog,

**Withdrawal:** students are responsible for officially withdrawing from classes by the deadline date listed in the current Class Schedule. There is no automatic withdrawal process. Failure to follow the proper withdrawal procedures may result in a grade of “F”. Also note that the instructor may drop students who miss the first meeting of a course. In addition, an instructor may initiate a drop if the student is absent for a total of four (4) consecutive or six (6) cumulative instructional hours and/or two (2) consecutive weeks of instruction.

**Repeatability:** a student is allowed to attempt a course (or courses equivalent to it) a total of **THREE TIMES**. If the first attempt is unsuccessful (W, D, F, or No Pass) a student has two additional attempts to complete the course with a passing grade (A, B, C or Pass).

**Academic Honesty Policy:** Once you are approved to take a test, please make sure that you put away all of your notes and support material, with just a couple of exceptions: You may have your formula sheet and a multiplication table and/or basic calculator depending on the chapter test you are taking. A graphing calculator, a cell phone, other electronic devices, should not be present. Since you are not being proctored during your exams, we are trusting in your academic integrity when it comes to taking these exams. Remember that you are taking this class to build a stronger foundation for the classes that come after. Cheating will only hurt your ability to be successful in the future. That said, cheating is something that is detectable even without proctoring, so you should be aware of the penalties for doing so. Penalties are listed below:

1<sup>st</sup> offence: Student will receive a zero on the exam regardless of score earned. The student must take the exam again. The zero is averaged into the student’s score. This zero cannot be dropped.

2<sup>nd</sup> offence: In addition to the same penalty as the first offence, this is grounds for being reported to the college for academic dishonesty, which may result in a suspension from the course.

3<sup>rd</sup> offence: In addition to the same penalty as the first and second offence, the student will fail the course. Actions taken against the student will also be permanently entered into the student’s record.

In the Math Emporium, a log of cheating offences is kept. Your record does not reset at the start of each semester. Please maintain your integrity and do not cheat on exams.

View the LPC Student Conduct Code @ <http://www.laspositascollege.edu/studentconduct/definitions.php>

**Student Rights and Responsibilities:** Link at the bottom is to the Student Handbook:

“What are my rights and responsibilities? In addition to the privacy of information mentioned above, you are guaranteed the right of freedom to learn. The college has developed procedures that spell out unacceptable conduct and the steps the college will take in addressing complaints of alleged misconduct. This information is available from the Office of the Vice President of Student Services, Building 1600, in the College Catalog, and in the LPC handbook.” <http://laspositascollege.edu/counseling/assets/docs/Student-Handbook-2019-2020.pdf>

**Campus Services:**

- Health Center: <http://www.laspositascollege.edu/healthcenter/services.php>

- Campus Safety: <http://www.laspositascollege.edu/safety/index.php>
  - o Policies: <http://www.laspositascollege.edu/safety/policies.php>
  - o LPC Alert System: All individuals that are wanting to be notified in the event of an emergency, please provide your contact information within CLASS-Web.
  - o Campus Safety & Lost and Found is located in Building 1725. (925) 424-1690
  
- Financial Aid: <http://www.laspositascollege.edu/financialaid/index.php>
  - o Student Responsibilities: <http://www.laspositascollege.edu/financialaid/responsibilities.php>
  - o Deadlines: <http://www.laspositascollege.edu/financialaid/deadlines.php>
  
- Disability Resource Center: <http://www.laspositascollege.edu/dsps/index.php>
  - o DRC Eligibility Criteria: <http://www.laspositascollege.edu/dsps/eligibility.php>
  - o DRC Services: <http://www.laspositascollege.edu/dsps/services.php>

“Las Positas College is committed to excellence and accessibility for all students. The DRC offers academic and personal support for students with physical, communication, learning and psychological disabilities. Our goal is to encourage students to become independent and assertive participants in their own educational process. Accessibility in classes, facilities, and all services is our ultimate objective.”

How to contact the Disability Resource Center located in Building 1600, room 1615:

- o Phone: 925-424-1510 to make an appointment.
  
- o Counselor schedules vary. Specific days and times are subject to change. Please visit the website listed above or call directly for additional information.

If you plan to use the DRC, then please let your instructor know as soon as possible so that accommodations can be made in a timely manner.

## Math 210 Syllabus --- Math Emporium

**Course Description:** Elementary Algebra covers elementary algebra concepts, including: real numbers and their properties; algebraic expressions; integer exponents; operations with polynomial expressions; linear and quadratic equations; linear inequalities and set notation; graphs of linear equations and inequalities; slope; systems of linear equations and inequalities; and, an introduction to rational expressions and modeling with linear and quadratic equations.

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In this program, you can **ACCELERATE THROUGH YOUR MATH...**

AT LEAST FINISH

210/110



YOU CAN DO MORE!

210/110

AND

Start or complete 255/55

### Fill in the Following Information:

My Instructor: \_\_\_\_\_ Email: \_\_\_\_\_  
Office Hours: \_\_\_\_\_ Office Location & Phone: \_\_\_\_\_  
Final Exam date: \_\_\_\_\_ Final Time: \_\_\_\_\_

- Pearson MyMathLab Access Code. This can be purchased in the Bookstore or online through the MyMathLab website. It will be applied to a course based on the eText ***Interactive Developmental Mathematics 1/E by Rockswold and Krieger***.
  - The course ID is: <This will be supplied on the first day of class.>
- Recommend a binder with loose-leaf paper or a notebook.
- Mandatory: A way to scan handwritten documents to pdfs for submission.
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  - A printer/scanner with the ability to scan multiple pages into a single pdf file.
- Mandatory: A computer/laptop for online work.
- Mandatory: A reliable internet connection.
- Mandatory: A Webcam and Microphone.
- This course uses Proctorio for test proctoring. A free service for LPC students:  
[http://www.laspositascollege.edu/onlinelearning/online\\_services/online\\_proctoring.php](http://www.laspositascollege.edu/onlinelearning/online_services/online_proctoring.php)

**Please contact your instructor as soon as possible if you have technology needs.**

### Attendance Policy:

Students who miss the first meeting of the course will be dropped – immediately communicate with your instructor if you cannot sign into class on the first day of classes, June 14 (Monday).

For this course, students who do not log into their Canvas course to access a Zoom class meeting and complete all of their orientation assignments in both Canvas and MyMathlab by the third day of classes will be dropped.

Students will be dropped if they have not submitted work for 1 week in **BOTH** of the following categories:

- Participation (Discussion boards and Check-ins)
- AND**
- Math Assignments (Labs, Interactive Assignments, Homework, Practice Tests, and/or Tests)

If, at any point during the semester, you cannot meet these requirements, then please contact your instructor.

**While you are encouraged to attend your own section**, you are welcome to attend any other Math Emporium class to further your self-acceleration. However, please note that only your instructor can review your exams with you.

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- These exams can only be taken once.
- The Midterm covers Chapters P - 4.
- The Final is comprehensive and covers Chapters P - 13. Like Chapter tests, supporting work for test answers must be submitted.
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**Expected Course Outcomes:** Upon completion of 110 the student should be able to:

- perform operations with real numbers;
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**Student Learning Outcomes:**

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View the LPC Student Conduct Code @ <http://www.laspositascollege.edu/studentconduct/definitions.php>

**Student Rights and Responsibilities:** Link at the bottom is to the Student Handbook where:

“What are my rights and responsibilities? In addition to the privacy of information mentioned above, you are guaranteed the right of freedom to learn. The college has developed procedures that spell out unacceptable conduct and the steps the college will take in addressing complaints of alleged misconduct. This information is available from the Office of the Vice President of Student Services, Building 1600, in the College Catalog, and is in this handbook.” <http://laspositascollege.edu/counseling/assets/docs/Student-Handbook-2019-2020.pdf>

**Campus Services:**

- Health Center: <http://www.laspositascollege.edu/healthcenter/services.php>

- Campus Safety: <http://www.laspositascollege.edu/safety/index.php>
  - o Policies: <http://www.laspositascollege.edu/safety/policies.php>
  - o LPC Alert System: All individuals that are wanting to be notified in the event of an emergency, please provide your contact information within CLASS-Web.
  - o Campus Safety & Lost and Found is located in Building 1725. (925) 424-1690
  
- Financial Aid: <http://www.laspositascollege.edu/financialaid/index.php>
  - o Student Responsibilities: <http://www.laspositascollege.edu/financialaid/responsibilities.php>
  - o Deadlines: <http://www.laspositascollege.edu/financialaid/deadlines.php>
  
- Disability Resource Center: <http://www.laspositascollege.edu/dsps/index.php>
  - o DRC Eligibility Criteria: <http://www.laspositascollege.edu/dsps/eligibility.php>
  - o DRC Services: <http://www.laspositascollege.edu/dsps/services.php>

“Las Positas College is committed to excellence and accessibility for all students. The DRC offers academic and personal support for students with physical, communication, learning and psychological disabilities. Our goal is to encourage students to become independent and assertive participants in their own educational process. Accessibility in classes, facilities, and all services is our ultimate objective.”

How to contact the Disability Resource Center located in Building 1600, room 1615:

- o Phone: 925-424-1510 to make an appointment.
- o Counselor schedules vary. Specific days and times are subject to change. Please visit the website listed above or call directly for additional information.

If you plan to use the DRC resources, then please let your instructor know as soon as possible so that accommodations can be made in a timely manner.