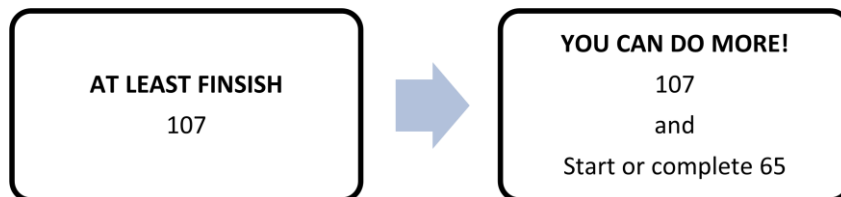


## Math 107 (107A and 107B) Syllabus --- Math Emporium

**Course Description:** Math 107 Pre-Algebra is intended to serve as a bridge between arithmetic and Elementary Algebra. It includes a review of arithmetic, operations involving signed integers, fractions and decimals, variables and variable expressions, simple linear equations and their graphs, percent and proportion, introduction to statistics, geometry and measurement, and application problems.

*In one semester, you decide your pacing.*

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



### Fill in the Following Information:

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

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

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

### Materials:

- 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 book **Prealgebra by Elayn Martin-Gay, 7<sup>th</sup> edition**. The course ID is: \_\_\_\_\_
- **Optional:** Headphones. Headphones are available for use while in the classroom. Supply limited.

**Attendance:** Sign in using your W number on the SARS-TRAC computers in this room only. **You must sign out also.** In addition to tracking time via SARS, attendance will be taken daily by your instructor. Students missing the first day will be dropped. **While you are required to attend your own section**, you are welcome to attend any other Math Emporium class to further your self-acceleration. Note: Your Participation grade is based on time spent on task while in the classroom, so please make sure you consistently attending your class.

**Binder:** Once you've completed your orientation assignment, you'll be given a course binder, which will contain:

- Reminders and tips for the course.
- Skill-BUILDER and Essential Warm-up assignments.
- Follow-along lecture notes.
- Midterm and Final Exam answer sheets.

**Lab Assignments:** Compiled from questions taken from your Skill-BUILDER and Essential Warm-up assignments. These are completed online and must be completed prior to taking your Knowledge check.

**Knowledge Check:** There is a computerized Knowledge Check for every chapter. These are taken in the Testing room without notes. The results are used to personalize your homework exercises. Unless the grade is 90% or more, the grade on the knowledge check does not count towards your grade in the course.

**Lecture notes:** Each section has a set of lecture notes that should be filled in while watching the section video. These must be filled in before completing the remaining homework questions for a section. Completed notes will be check before you are allowed to take your Chapter Test.

**Homework:** 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.

**Chapter Tests:** There is a computerized test at the end of each chapter (there are two tests for Chapter 4 and for Chapter 5). Each test MUST be passed with a score of 80% or more. 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 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 grade for the exam.

**Midterm and Final Exam:** Pencil/Paper Tests. Do not need an 80% to pass. The score you earn is what you get. These exams can only be taken once. The Midterm covers chapters 1 – 4. Final (for both 107 and 107B) covers Chapters 1-9. This test has 2 sections: Part 1 – **NO** calculator allowed; Part 2 – basic calculator allowed.

**Course Grade:** Based on Mastery Learning of the material: A: 92 – 100, B: 84 – 92, C: 76 – 83, D: 68 – 75, F: 0 – 67.

Your course grade is determined by:

Participation (Time on Task & Forward Progress) – 7.5%

Labs – 7.5%

Chapter Tests – 55%\*

Midterm – 15%

Final – 15%

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

Your current course grade will be available to you throughout the semester in your MyMathLab 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.

#### Getting Help:

- Use the variety of online supports available to you in MyMathLab.
- Add your name to the “Help” list on the board. The instructor, instructional assistant or peer tutor will help you.
- Sign-up for 1-on-1 tutoring during class time for quality learning time with your peer tutor.
- Attend classroom workshops led by the instructor, instructional assistant or peer tutor. See your MyMathLab course for this semester’s schedule.
- You may also attend any other Math Emporium class to get help or take tests. The lab is open from 9:30a.m. – 9:15pm Monday through Thursday.

**Classroom Announcements:** Please check for posted announcements in your MyMathLab course. You will also need access to an email account that you check regularly for updates and communications from your instructor.

#### 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. For example, if an instructor is absent, this means the classroom and testing room have to shut down for that class time.
- Ask for help often. The classroom staff is there to assist you in your learning.
- Work outside of class just like any other class.
- Add some loose-leaf paper to your binder. Use this paper to neatly show your work as you progress through the homework. Doing so makes it easier to review for an exam and to get help with the content.
- Communicate with your instructor regarding any absences.

#### Important dates:

<b>NGR: August 25<sup>th</sup></b>	<b>Select Pass/no pass by Sept 10<sup>th</sup></b>	<b>W day: November 3<sup>rd</sup></b>
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**Holiday (No instruction – Lab closed) Sept 4<sup>th</sup>, FLEX Oct 24<sup>th</sup> (No classes before 4pm), Nov 10<sup>th</sup>, Nov 22-24<sup>th</sup>**

**Expected Course Outcomes:** Upon completion of 107 (and 107B), the student should be able to:

- perform accurate computations with whole numbers, fractions and decimals, signed and unsigned, without using a calculator;
- simplify and evaluate variable expressions;
- demonstrate a knowledge of ratios, proportions and percentages and their applications;
- demonstrate knowledge of geometric figures and their properties;
- demonstrate a knowledge of the English and metric units of length, area, volume, mass, temperature and time;
- solve linear equations involving multiple steps;
- analyze and construct graphs of data;
- construct graphs of linear equations in two variables in a rectangular coordinate system;

- calculate mean, median and mode from a set of data;
- apply the concepts learned to specific real-life applications, such as, simple interest, business and finance, restaurants, bank statements etc.

**Student Learning Outcomes:** Upon successful completion of 107 (both 107A and 107B), a student should be able to

**For 107 A:**

- perform order of operations to simplify expressions involving signed integers. (*Problem Solving*)

**For 107B:**

- set up and solve applications involving ratios, rates and proportions. (*Modeling*)
- solve an algebraic equation. (*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) at 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 Honestly Policy:** Upon entering the testing room all items except your pencil and calculator (if allowed) should be placed in one of the cubbies. If you use calculator (when not allowed), a graphing calculator, a cell phone, other electronic devices, or notes you will receive a zero on that exam and this grade cannot be dropped. This zero is averaged into your score for that test. If you cheat again, you will be reported for academic dishonesty.