

MATH 815 – Pre Algebra

Course Syllabus Intercession 2018

Instructor/Course Info: Jorge Ramirez Instructor of Mathematics Physics and Astronomy
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Math 815 – (10271) M-Th 8:00am – 11:50am LAC-V158 Office V-219

Course Description: This is a preparatory course intended to provide a fundamental foundation of concepts and ideas for Algebra. The topics covered in this course include the order of operations, operations with integers, the solution of linear equations, an introduction to graphing, operations with polynomials, and an introduction to the properties of exponential expressions. Applications of algebraic concepts are included throughout the course. This course is not applicable for degree credit. Students are required to complete 3 hours of supplemental learning activities in any designated Success Center

Prerequisite: Qualification through the math assessment process.

Student Learning Outcomes (SLO):

1. Evaluate expressions containing signed numbers using the order of operations.
2. Solve a variety of linear equations in one variable.
3. Set up and solve application problems using linear equations in one variable.
4. Graph linear equations in two variables using the table method.
5. Perform operations on polynomial expressions.

Text: *Prealgebra: Preparation for Algebra 2nd* Edition. Miller, O’Neil, Hyde. McGraw Hill. You do not need to purchase the online homework as all problems will be out the text. However, if you would like two weeks free access log onto <https://www.connectmath.com> course code Y36R4-UXT9H, Financial Aid Access Code: F753B-8E6A8-64752-0D63D

Homework will be checked every class meeting then again with check list. Students are encouraged to work together, engage in discussion and collaborate. Students must attempt each problem and show work for full credit. Do not just copy solutions from the back of the text.

CheckList (CL) will be collected at every exam consisting of homework, SLA, review, and other supplemental assignments. **SLA’s** are to be complete prior to each exam on a topic related to that exam. 3 SLA’s are to be completed outside of class in the MDSC at PCC or MSC (V-163) at LAC. Students can do Direct Learning Activities DLA’s or Workshops. I highly encourage you to do the workshops.

Make-up Policy: The simplified version is **No make-ups** on short notice or after the due date. The formal policy is as follows, Make-up policy for Exams: Prior arrangements must be made at least 2 weeks in advanced with instructor, if the student has a serious and compelling reason (documentation is required). If any of the above requirements is not met, a score of zero will be issued for the missed exam. Make-up policy for assignments: No make-up quizzes or in-class work; zero to half credit for late homework may be given with prior notification.

Calculator policy: Calculators are NOT permitted. A scientific calculator may be permitted towards the end of the semester at the instructor’s discretion.

Attendance policy: Attendance is the responsibility of the student. Students are expected to demonstrate respect for the instructor and other students. This includes interfering with the rights of others to listen and participate or harassing others in anyway. Absences do not excuse due dates (See make-up policy). A little Advice: Show up, take notes and do the homework.

Student Services: The college and myself are eager to assist. If you have a college verified disability, you can notify the DSPS office in advance for needed accommodations. Additionally, if you are dealing with homelessness, hunger, physical or emotional distress the college has free services such as the college food bank and student health services. In the case of a physical disability an alternative extra credit assignment can be arranged with instructor approval.

Cheating/Plagiarism:

The Long Beach Community College District maintains an environment in which academic honesty is expected; academic dishonesty, cheating and plagiarism are not tolerated. Please see Administrative Regulations on Academic Honesty, section 4018. Any student in violation of this code and policy in any assignment or examination related to this course shall be subject to the options specified in the policy statement. DON’T DO IT; STUDY, STUDY, STUDY and you will be fine.

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Grading Criteria:

Homework/CL/SLA	100 points
Exams - 4 (100 pts. ea.)	400 points
<u>Comprehensive Final</u>	<u>150 points</u>
Total = 650 points	

Grade Scale:

“P” ≥ 455
”NP” < 455
Final must be taken.

Weekly PROJECTED Schedule*

Week 1 (1/1):	Holiday	
(1/2):	1.2-1.5	
(1/3):	1.6-1.8, 2.1	
(1/4):	2.2-2.5	
Week 2 (1/8)	Exam1 , 3.1-3.2	Exam Ch1&2
(1/9):	3.3-3.5, 4.1	
(1/10):	4.2-4.5	
(1/11):	4.6-4.8	
Week 3 (1/15):	Holiday	
(1/16):	Exam2 , 5.1-5.2	Exam Ch3&4
(1/17):	5.3-5.6	
(1/18):	6.1-6.4	
Week 4 (1/22):	CH5&6 Review, Exam 3	Exam Ch 5&6
(1/23):	7.1-7.3	
(1/24):	8.1-8.2, 8.6-8,7	
(1/25):	8.8, 9.1-9.2	
Week 5 (1/29):	Exam4 , 10.1	Exam Ch7,8&9
(1/30):	10.2-10.3	
(1/31):	Review	
(2/1):	Final	Cumulative Final Ch1-10

***This guideline is an estimate and subject to change. Any modifications will be discussed in class. If you do not attend class it is your responsibility to obtain any changes from the instructor or a classmate.**

Important dates

Final Exam Date: Thursday, Feb 2, 2018 @ 8:00am

Drop deadlines:

January 7, 2017: last day to **Drop** without a “W” appearing on transcript.

January 25, 2017: last day to **Drop** a class with a “W” appearing on transcript.

Classmate Info

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- 2.
- 3.
- 4.