

West LA College
Course Syllabus Math 123a

Instructor: Dr. Jeremy Jankans
Email: jankanjb@wlaac.edu
Room: CE 205
Class Time: TU-TH 1:00 - 2:15 pm

Prerequisite: Math 110 or 112 with a grade of at least “C” or the equivalent.

Purpose of this course: This course is comparable to the second year of high-school algebra(excluding Trigonometry). It provides a foundation for further study of mathematics required for a variety of majors.

Learning Resources:

Required Text: Beginning & Intermediate Algebra, 5th Edition, Lial, Hornsby, and McGinnis, Addison – Wesley
Free tutoring is available at the Learning Resources Center(Library)

Student Learning Outcomes:

Students who successfully complete Math 105 will be able to:

1. Perform basic operations on rational numbers and polynomials including correct use of order of operations.
2. Use appropriate techniques to solve linear and factorable quadratic equations and linear inequalities.
3. Write, graph linear equations in two variables; analyze slope and intercepts.
4. Factor polynomials.
5. Solve problems using ratio, proportion, and percent.
6. Analyze, model, and solve word problems.

Attendance:

Attendance is required. If you miss the first week you will be dropped. Too many absences and you will be dropped from the course. Five absences will be considered too many. Missing to many classes will inhibit your ability to do well.

Grading Policy:

Quizzes 10%

Quizzes will be given every Tuesday at the beginning of class, except for the first week and any week with an exam. The lowest score will be dropped.

Exams(3) 45%

There will be 3 exams. The dates and times will be determined later. No make ups will be given.

Homework 10%

Homework will be assigned throughout the week and will be collected Tuesday at the start of class. Also there will be a question given during class that will be taken from the homework. This question will be used to determine the HW score. The score will be determined by doing the problem.

Final 35%

The Final Exam will be a two hour exam. It will be cumulative. The date and time of the exam is 12/18, 1:45pm – 3:45pm. The time and day is subject to change.

The letter grade scale will be no worse than a straight scale.

A: 100 %– 90%

B: 89% - 80%

C: 79% - 70%

D: 69% - 60%

F: 59% - 0%

Important Dates:

9/12: Last day to add

9/12: Last day to drop without a W

11/21: Last day to drop with a W

Schedule:

Week 1: 1.1 – 1.4

Week 2: 1.4 - 1.6

Week 3: 1.7 – 1.8

Week 4: 2.1 – 2.3

Week 5: 2.4 – 2.6

Week 6: 2.7, 2.8 Review Exam 1

Week 7: Exam 1

Week 8: 3.1 – 3.3

Week 9: 3.4 – 4.3

Week 10: 4.4 – 4.7

Week 11: Exam 2

Week 12: 5.1 – 5.3

Week 12: 5.4 – 5.6

Week 13: 5.7, Review Exam 3

Week 14: Exam 3

Week 15: Review

This is a tentative schedule, and may change.

I reserve the right to make changes to the syllabus.

HW assignments

Chapter 1

- 1.1 #1 – 113 eoo
- 1.2 #1 – 95 odd, 97
- 1.3 #1 – 83 odd
- 1.4 #1 – 79 odd
- 1.5 #1 – 133 eoo
- 1.6 #1 – 131 eoo
- 1.7 #1 – 93 eoo
- 1.8 #1 – 85 odd

Chapter 2

- 2.1 #1 – 71 odd
- 2.2 #1 – 71 odd
- 2.3 #1 – 79 odd
- 2.4 #5 – 57 odd
- 2.5 #1 – 91 odd
- 2.6 #1 – 105 eoo
- 2.7 #1 – 57 odd
- 2.8 #3 – 103 odd

Chapter 3

- 3.1 #1 – 75 odd
- 3.2 #1 – 73 odd
- 3.3 #1 – 63 odd
- 3.4 #1 – 81 odd

Chapter 4

- 4.1 #1 – 95 odd
- 4.2 #1 – 83 eoo
- 4.3 #1 – 61 odd, 79 – 95 odd
- 4.4 #9 – 95 odd
- 4.5 #3 – 93 eoo, 95, 97
- 4.6 #3 – 59 odd, 77, 79, 81, 83
- 4.7 #7 – 37 odd, 43 – 81 eoo

Chapter 5

- 5.1 #3 – 89 odd
- 5.2 #13 – 71 odd
- 5.3 #23 – 87 odd
- 5.4 #7 – 93 odd
- 5.5 #11 – 71 odd
- 5.6 #3 – 35 odd