

West LA College
Course Syllabus Math 123a

Instructor: Dr. Jeremy Jankans

Email: jankanjb@wlaac.edu

Room: CE 205

Class Time: T/TH 1:00pm – 2:15pm CE 205

Office Hours: M 1:00pm – 2:15pm CE 205

T/TH 2:30pm – 4:00pm MSB 213

W 2:30pm – 4:00pm MSB 213

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 123A will be able to:

1. Perform basic operations on rational numbers and polynomials, including factoring as appropriate, using correct order of operations
2. Use appropriate techniques to solve linear and factorable-quadratic equations and linear inequalities, including those arising from “story” problems (applications)
3. Write, graph linear equations in two variables; analyze slope and intercepts
4. Solve problems using ratio, proportion, and percent.

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.

Homework:

Math is not a “spectator sport.” Doing exercises and solving problems outside of class is where you learn the most. Most students will need to spend an hour or more each day, outside of class, plus time on the weekends, practicing math.

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. The HW score will be based on completion.

Final 35%

The Final Exam will be a two hour exam. It will be cumulative. The date and time of the exam is 12/17 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:

9/11: Last day to add

9/11: Last day to drop without a W

11/20: Last day to drop with a W

Schedule:

Week 1: 1.1 – 1.6

Week 2: 1.7 - 2.1

Week 3: 2.2 – 2.4

Week 4: 2.4 – 2.6

Week 5: 2.7 – 2.8 Review Exam 1

Week 6: Exam 1

Week 7: 3.1 – 3.3

Week 8: 3.4 – 4.1

Week 9: 4.2 – 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