

West LA College
Course Syllabus Math 123b

Instructor: Dr. Jeremy Jankans
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Room: MSA 009
Class Time: TU-TH 9:35am – 10:50 am

Prerequisite: Math 123a 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 125 will be able to:

1. Select and use appropriate algebraic techniques to solve a wide variety of equations and systems of equations.
2. Analyze, model, and solve application problems including those involving variations.
3. Construct and analyze graphs of functions, inequalities, and conic sections.

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 12/17, 10:15am – 12:55pm. 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: Chapter 5 Review
Week 2: 6.1 – 6.3
Week 3: 6.4 – 6.6
Week 4: 6.7 – 7.2
Week 5: 7.3 – 7.5
Week 6: 7.6 ,7.7 Review Exam 1
Week 7: Exam 1
Week 8: 8.1 – 8.3
Week 9: 8.4 – 8.7
Week 10: 8.1 – 8.7
Week 11: 9.1 – 9.3
Week 12: Exam 2
Week 12: 10.1 – 10.3
Week 13: 11.4 – 11.7
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 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

Chapter 6

- 6.1 #1 -101 eoo
- 6.2 #3 – 53 eoo
- 6.3 #5 – 43 odd
- 6.4 #9 – 71 odd
- 6.5 #5 – 43 odd
- 6.6 #11 – 75 eoo, 79 – 95 eoo
- 6.7 #3 – 41 odd

Chapter 7

- 7.1 #5 – 33 odd, 45 – 99 eoo
- 7.2 #7 – 87 eoo
- 7.3 #9 – 53 odd
- 7.4 #1 – 53 odd, 57 – 63odd
- 7.5 #1 – 81 eoo
- 7.6 #1 – 57 odd

Chapter 8

- 8.1 #1 – 43 odd
- 8.2 #3 – 21 odd
- 8.3 #11 – 41 eoo
- 8.4 #3 – 41 eoo
- 8.5 #1 – 41 odd
- 8.6 #7 – 57 odd

Chapter 9

- 9.1 #1 – 65 odd
- 9.2 #5 – 103 eoo
- 9.3 #5 – 47 odd

Chapter 10

- 10.1 #7 – 139 eoo
- 10.2 #1 – 101 eoo
- 10.3 #1 – 123 eoo
- 10.4 #1 – 63 odd
- 10.5 #1 – 105 eoo
- 10.6 #1 – 67 odd