

West LA College  
Course Syllabus Math 125  
Fall 2015

Instructor: Dr. Jeremy Jankans

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Room: ATA 214

Class Time: M-TH 9:35am – 10:50am

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 115 or 118 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: Intermediate Algebra, 11<sup>th</sup> 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.

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 Monday 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 four 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 Monday at the start of class. Your homework score will be determined by completion.

#### Final 35%

The Final Exam will be a two hour multiple choice exam. It will be cumulative. The date and time of the exam is

Dec 16, 10:15am – 12:15pm. 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: 2.1 – 2.7,3.1-3.3

Week 2: 3.3 – 3.6

Week 3: 4.1 – 4.4

Week 4: Exam 1

Week 5: 5.1 – 5.5

Week 6: 6.1 – 6.5

Week 7: 7.1 – 7.4

Week 8: 7.5 – 7.6

Week 9: Exam 2

Week 10: 8.1 – 8.7

Week 11: 9.1 – 9.7

Week 12: Exam 3

Week 12: 10.1 – 10.6

Week 13: 11.1 – 11.5

Week 14: 12.1 – 12.4

Week 15: Review

This is a tentative schedule, and may change. I reserve the right to make changes to the syllabus.

## HW Assignment:

### Chapter 2

- 2.1 #5 – 69 eoo
- 2.2 #1 – 55 eoo
- 2.3 #29 – 61 odd
- 2.4 #9 – 47 odd
- 2.5 #39 – 57 eoo, 59 – 65 odd
- 2.6 #1 – 61 eoo
- 2.7 #5 – 103 eoo

### Chapter 3

- 3.1 #9 – 31 odd, 35 – 67 eoo
- 3.2 #15 – 21 eoo, 25 – 35 odd, 41 – 79 odd
- 3.3 #7 – 33 odd, #35 – 73 eoo
- 3.4 #7 – 37 odd
- 3.5 #9 – 55 odd
- 3.6 #3 – 63 odd

### Chapter 4

- 4.1 #11 – 71 odd
- 4.2 #3 – 41 eoo
- 4.3 #1 – 49 eoo
- 4.4 #7 – 27 odd

### Chapter 5

- 5.1 #9 – 57 eoo, #91 – 155 eoo
- 5.2 #33 – 85 eoo
- 5.3 #11 – 49 odd
- 5.4 #5 – 99 eoo, 113 – 129 odd
- 5.5 #5 – 13 eoo, 17 – 51 eoo, 53

### Chapter 6

- 6.1 #10 – 57 eoo
- 6.2 #5 – 57 eoo
- 6.3 #7 – 63 eoo
- 6.4 #1 – 71 odd
- 6.5 #3 – 45 odd

### Chapter 7

- 7.1 #1 – 11 odd, 19 – 23 odd, 25 – 91 eoo
- 7.2 #7 – 89 eoo
- 7.3 #4 – 39 odd
- 7.4 #15 – 53 odd
- 7.5 #23 – 61 odd
- 7.6 #27 – 35 eoo, 39 – 57 odd

### Chapter 8

- 8.1 #1 – 91 eoo
- 8.2 #1 – 105 odd
- 8.3 #1 – 131 odd
- 8.4 #1 – 63 odd
- 8.5 #1 – 109 eoo
- 8.6 #1 – 67 odd
- 8.7 #1 – 93 eoo

## Chapter 9

9.1 #1 – 97 odd

9.2 #1 – 59 odd

9.3 #1 – 81 odd

9.4 #1 – 57 odd

9.5 #1 – 43 odd

9.6 #1 – 47 odd

9.7 #1 – 47 odd

## Chapter 10

10.1 #5 – 37 odd

10.2 #1 – 41 odd

10.3 #3 – 53 odd

10.4 #7 – 55 odd

10.5 #1 – 57 odd

10.6 #1 – 59 odd

## Chapter 11

11.1 #1 – 37 odd

11.2 #1 – 41 odd

11.3 #1 – 33 odd

11.4 #1 – 39 odd

11.5 #1 – 39 odd

## Chapter 12

12.1 #1 – 49 odd

12.2 #1 – 39 odd

12.3 #1 – 31 odd

12.4 #1 – 41 odd