



WEST LOS ANGELES COLLEGE
Mathematics 123A- Section -4478
Fall 2015

Instructor : C. Raffel

Office Hours: Mon/Wed; 6:40pm - 7:10pm, MSA- 214

Class time: Monday /Wednesdays; 7:15 pm - 9: 20pm**Location:** MSA: room 202

Instructor Email address:wijesecc@wlaac.edu

Prerequisite:Mathematics 110 or 112 with a grade of 'C' or better or appropriate placement level demonstrated through WLAC math assessment process.

Textbook:Beginning & Intermediate Algebra by Lial, Hornsby & McGinnis. The Bookstore has a WLAC Custom Edition which is basically the regular 5th (2012, ISBN-9780321715869) We will cover chapters 1-5 in this course and the rest of the book in Math 123B and Math 123C. Rental is NOT a good option because you will need this book for three semesters.

Materials:

- ◆ Note book
- ◆ Graph Paper
- ◆ Stapler
- ◆ Color pen or pencils

Course Descriptions: First of three modules for Math 123 covering elementary algebra topics such as properties and operations with real numbers, addition, subtraction, multiplication of algebraic expressions, solution of linear equations and inequalities. Solution of word problems involving linear equations and inequalities.

Students Learning Outcomes:

- ◆ Perform basic operations on rational numbers and polynomials, including correct use of order of operations.
- ◆ Use appropriate techniques to solve linear and factorable quadratic equations and linear inequalities.
- ◆ Write, graph linear equations in two variables; analyze slope and intercepts.
- ◆ Factor polynomials.
- ◆ Solve problems using ratio, proportion, and percent.
- ◆ Analyze, model, and solve "story" problems (applications) using (2) above.
- ◆ Locate and utilize supplemental resources online and in textbooks.

Methods of presentation:

- ◆ Lecture
- ◆ Class discussions
- ◆ Asking and answering questions
- ◆ Interactive peer-to-peer activities, projects and group

Course Requirements

1. We will cover chapters 1- 5. I strongly recommend that you read the material we will cover in class before that class!
2. **Attendance:**

I will be taking attendance on daily basis. Students are expected to attend every class. It has been my experience that student who do not attend class regularly perform poorly on the exams. Plan to attend every class meeting on time. For each class meeting during the first 5 -10 minutes will start with a review of the previous homework assignment. This will involve questions by students on specific problems and explanations by the instructor or a student. Next, new topics will be introduced. During the lecture, there will be many examples presented. Active participation is very important. At this time, you should ask questions and volunteer answers. Individuals will be called upon in class to provide suggestions on how to proceed with a problem. The methods of instruction in this class will be lecture, discussion, and group learning. You are expected to take an active role in this learning. You are responsible for all information covered in class. **If a students have five hours or more absences, the instructor may drop them from the course and they may receive a grade of a “W”.**
3. **Homework:** The most important part of any mathematic course is the homework. Typically in a Math class, to understand the majority of the information it is necessary to continuously practice your skills. This requires a tremendous amount of effort on the student’s part. Otherwise, it is impossible to succeed in any college level mathematics class. Do your homework as soon as you can after each class meeting. Read the material in the next lessons before class. **In this course you must expect to spend minimum of at least three hours outside of class for each hour spent in class.**
4. **Class Notes:** Students are required to copy notes from the class discussion. Please keep a separate note book for class notes.
5. **Group work:** This is also another method of instruction for this class. At the end of some of the class meetings are composed group work sessions. (Group of 3 to 4 students). For each group work session, at the end of the class all of the papers will be collected but only one paper from each group will be graded or a quiz is given from the group work problems.
6. **Required Homework/ Group Work Format:**
 - ◆ Always present neat work
 - ◆ For every assignment, if your assignment spans more than one page, staple them together
 - ◆ If your paper from a spiral bound notebook, tear off the edge.
 - ◆ Show all adequate steps for the work.
7. **In Class Quizzes and Chapter Exams:** There will be 6 quizzes and 4 chapter exams as outlined on the attached schedule. The lowest quiz grade will be dropped. Therefore you will not be allowed to make up any missing quizzes. Arriving late during a quiz/chapter exam will lead you to have less time to complete the quiz/chapter exam. Each chapter exam will be given a maximum of 100 points. No make-up exams will be given, but your final exam will replace one missed exam. Refer to your course schedule in advance for the dates of the quizzes and chapter exams. Review all the corresponding CLASS NOTES and HW problems before each quiz/chapter exam. **Missed quizzes/chapter exams will be scored as zero.**
8. **Final exam:** There will be a comprehensive final exam on **12/14/2015**. The final exam should be taken seriously and will require a good deal of dedication on your part in terms of study time. Several weeks before the final, you should begin reviewing your homework, class work and quizzes from the semester.

Class Expectations:

◆ R E S P E C T: Yourself, Classmates, Instructor

◆ Please practice positive behavior (cooperation, civility, helpfulness, constructive engagement)

◆ Avoid disruptive behavior (side conversations, eating/drinking in class, wandering in and out of the room, coming late or leaving early without an urgent reason, etc.).

◆ Maintain the highest standards of academic honesty. Collaboration is encouraged on most homework, class work, take-home assignments, and test corrections. However, you may NOT give or receive help on tests (except make-up points) and you may not turn in someone else's work as your own.

◆ If you are discovered committing any act of academic dishonesty (cheating), you will receive no credit ("zero") for the test or assignment AND you will be suspended from class AND the case will be referred to the Vice-President for Student Affairs. For further information see the WLAC Catalogue and Schedule of Classes.

Grading System

Assignment Category	# of Assign.	Points Per Assignment	Total Points	% of Total Grade
Quizzes	5	20	100	10%
HW	20	5	100	10%
Classwork	25	2	50 +50 EC	5% +(5% EC)
Chapter Exams	4	125	500	50%
Final Exam	1	250	250	25%
Grand Total		-	1000	100%
900 - 1000 = A	800 - 899 = B	700 - 799 = C	600 - 699 = D	599 and below = F

Cellphone Policy: Students may not use their cell phones to accept or make calls while in class (no cell phones on the desk). If cell phones and beepers are brought to class, they must be turned to silent or vibration mode. Students who do not adhere to this policy will be asked to leave the class. If it happens a second time, the student will be referred to the Vice President of Student Services, and will return to class only after the Vice President has cleared him/her to return.

Children in class: By directives of Academic Affairs, students are not allowed to bring their children to class. Childcare arrangements need to be made outside of class time.

Disability Policy: If you have a disability and might need accommodations in this class, please contact Heldman Learning Resources Center (HLRC) 121, DSP&S office. I accommodate all necessities you might need in this class upon receiving the required direction from the center. Please contact (310) 287-4450 for more information.

Cheating Policy: Cheating constitutes academic dishonesty and in general will be handled as part of the course grading process. The penalty may range from on credit for assignment up to and including exclusion and/or an "F" grade for the course.

Disclaimer: Although every effort will be made to adhere to the policies, procedures, and schedules outlined in this syllabus, the instructor reserves the right to revise any information without prior notice.

Internet Resources:

- West Los Angeles College www.wlac.edu
- WolframAlpha <http://www.wolframalpha.com/>
- Purple Math <http://www.purplemath.com/>
- Math TV <http://www.mathtv.com/>
- Khan Academy <http://www.khanacademy.com>

Please write the phone number and email address of at least three of your classmates in spaces provided here. Having some contact information from your classmates will help you during the semester.

Name: _____ Phone #: _____ email: _____

Name: _____ Phone #: _____ email: _____

Name: _____ Phone #: _____ email: _____

I, _____, read and completely understood the content of this syllabus. If there are questions or disagreement with the content, I will contact me, on or before Oct. 5th.

Your Initials: _____

WESL LOS ANGELES COLLEGE

Math 123A; Fall 2015

C. Raffel Lecture O U T L I N E (This schedule is tentative. It is subject to change.)

Week	Monday	Wednesday
Week 1 8/31- 9/4	INTRODUCTION Section 1.1 Section 1.4	Section 1.5-1.8
Week 2 9/7- 9/11	Holiday	Quiz # 1 ; Chapters 1
Week 3 9/14- 9/18	Section 2.1, 2.2	Sections 2.3, 2.4
Week 4 9/21- 9/25	Sections 2.5-2.6	Quiz # 2 Sections 2.6; Chapter 2 review
Week 5 9/28- 10/2	EXAM #1; Chapters 1&2	Chapter 3.1 -3.2
Week 6 10/5- 10/9	Chapter 3.3 -3.4	Section 4.1-4.2
Week 7 10/12- 10/16	Section 4.3-4.4	Section 4.5 -4.6
Week 8 10/19- 10/23	Sections: 4.7- 4.8	EXAM #2; Chapters 3&4
Week 9 10/26- 10/30	Section 5.1-5.2	Sections: 5.3
Week 10 11/2- 11/6	Sections: 5.4-5.5	Section 5.6-5.7
Week 11 11/9- 11/13	Section 6.1-5.2	Sections: 6.3
Week 12 11/16- 11/20	Sections: 6.4	Chapters 5 & 6review
Week 13 11/23- 11/27	EXAM #3 ; Chapters 5 & 6 Section 6.1	Sections: 5.2-5.2
Week 14 11/30- 12/4	Sections: 5.2-5.3	Section 5.4-5.5
Week 15 12/8- 12/12	EXAM #5 ; Chapter 5	Review for Final
Week 16 12/14- 12/18	FINAL EXAM	