

Los Angeles Mission College
Math 125 – Intermediate Algebra– Fall 2012
Section 3238 - TTH 7:00 – 9:30 PM, Room CMS 022

Instructor: Evelyn N. Chau

E-Mail: chaue@lamission.edu

Class Webpage: www.lamission.edu/~chaue/3174

Office Hours: 6:15->7:00 TTH @ Math Center in CMS

Deadlines: Last day to add or drop without a “W”: Sep. 9, 2012 by Internet
Last day to drop with a “W”: Nov. 18, 2012 by Internet

Textbook: “Intermediate Algebra”, by Kaufmann and Schwitters, 9th edition.

Prerequisite: Math 115 or Math 114 with a grade ‘C’ or better, or a passing score on the math replacement test.

Student Learning Outcomes:

Upon successful completion of the course, students will be able to:

1. Solve, graph, and analyze various equations or systems of equations and inequalities.
2. Interpret, graph and analyze various functions.

Course Objective:

1. Solve linear and non-linear equations and inequalities.
2. Express more complex polynomials in factored form
3. Add, subtract, multiply and divide rational expressions.
4. Simplify expressions with rational exponents.
5. Add, subtract, multiply and divide radical expressions.
6. Solve equations with radicals.
7. Solve linear systems of equations in two or three variables.
8. Identify and graph conic sections
9. Evaluate and graph exponential and logarithmic functions
10. Manipulate Complex numbers

Material: You will need to bring the following materials to succeed in this class: A 3 ring-binder to organize your materials; textbook; paper (lined and graph papers); pencil and eraser; a highlighter. ONLY SCIENTIFIC CALCULATORS ARE ALLOWED DURING THE EXAMS.

Cell Phones and Electronic Devices:

- Cell phones and electronic devices, including ipods, should be completely silenced or turned off when you are in class. Please remove all hearing devices, such as headphones, earbuds, or Bluetooth headsets from your ear(s) during class. Please refrain from searching internet or doing work on your laptop.
- Those using electronics devices or disrupting the class will receive zero points for that day’s work and/or may be asked to leave. If you are found using a phone during a test I reserve the right to deduct points up to the full value of the exam.

Attendance and Participation:

- Students who attend class every day, on time and prepared, will be more likely to pass the class than those who do not. Therefore, attendance is CRUCIAL to your success.
- Attendance will be taken each class meeting. Leave class early without permission will also count as ½ absent hours. Ten hours of absence (3 tardies =1 absence), constitutes a basis for dropping from the class or may adversely affect a student's final grade. It is always the student's responsibility to drop a class.
- If you are absent, it is your responsibility to find out the material you missed, and the assignment that are due. I strongly recommend you have the contact information of at least two classmates.
- You are EXPECTED to be on time and remain throughout the entire class session. You are EXPECTED to take notes, complete all the assignments, ask questions, and correct me if I make a mistake. You are EXPECTED to actively participate in class. This involves asking questions, answering questions asked to the class or individual, participating in group work, answering homework questions at the board, and/or seeking help from tutor or me.

Homework: will be assigned at the end of each lecture session. Students should work on their homework as soon as each section is completed in class. The assignments are due on TUESDAY each week. A complete assignment with work shown will be given full credits. Late assignments are not accepted under any circumstances. All assignments must be stapled or points will be deducted. Plan on studying and completing homework a minimum of 15 hours per week.

Tutoring: Free tutoring is available in the Math Center, which is located in the basement of the Campus Center or in CMS building. Tutoring is also available on the main floor of the Learning Center/Library.

Group work: You will work in groups of 2-4 people once or twice a week on an assignment that will be turned in at the end of each class. However, only one paper from each group will be randomly graded, and each person in the group will receive the same grade. MISSED GROUP WORK CANNOT BE MADE UP. If you leave class early, you will not receive credits for that day's group work. Practice tests will also be counted toward group work credits.

Quizzes: Will be given at random based on the lectured materials and homework assignments. NO MAKE-UP QUIZZES WILL BE GIVEN.

Tests: There will be 6 tests. The dates of the tests will be listed in the course pacing plan. NO MAKE-UP EXAMS WILL BE GIVEN UNDER ANY CIRCUMSTANCES. However, to account for any possible emergencies, one missed exam or your lowest exam grade will be dropped. Show work on all the tests and box the answers.

Final Exam: Is mandatory and comprehensive final. There will be no make-up final exam under any circumstances. All students must take the final exam. The final exam will be given in class on **TUESDAY DEC.11 (7:00-9:00PM)**

Integrity: Cheating, plagiarism, fabrication, and other forms of academic dishonesty, and/or facilitating academic dishonesty are grounds for disciplinary action. Cheating is

unacceptable. Penalties range from a zero on the exam, which *will not be dropped* as your lowest test score, to dismissal from the course and /or the college.

Grading: *Percentage distribution:*

Homework	7%
Quizzes/Class work	8%
Tests (best 5)	60%
Final Exam:	25%

NOTE: 4 points will be deducted from the group work points for each absence
2 points will be deducted from the group work points for each tardy/leaving early

Assigned Grade:

90% -100% = A	70% - 79% = C
80% - 89% = B	60% - 69% = D
	0% - 59% = F

Schedule of the tests:

Test	Date	Chapters covered
1	Tuesday 9/11	Chapters 1, 2
2	Tuesday 9/25	Chapters 3, 4
3	Thursday 10/11	Chapters 5, 6
4	Thursday 10/25	Chapters 7, 8
5	Thursday 11/15	Chapters 9,10
6	Tuesday 12/4	Chapter 11
Final Exam	Tuesday 12/11	Cumulative

How we learn

- 10% of what you **READ**
- 20% of what you **HEAR**
- 30% of what we **SEE**
- 50% of what we **SEE and HEAR**
- 70% of what is **DISCUSSED** with **OTHERS**
- 80% of what is **EXPERIENCED PERSONALLY**
- 95% of what we **TEACH TO SOMEONE ELSE**

William Glasser

Math 125: Fall 2012

Mon.	Tue.	Wed.	Thu.	Fri.
8/27	Syllabus	8/28 Sec	8/29	8/30 8/31
	1.1-1.4		Sec 2.1-2.4	
9/3		9/4	9/5	9/6 9/7
	Sec 2.5-2.7		Sec 3.1-3.3 Review Exam 1	
9/10	Exam 1 (Ch 1, 2)	9/11	9/12	9/13 9/14
	Sec 3.4-3.5		Sec 3.6-3.7, 4.1-4.2	
9/17			9/19	9/20 9/21
	Sec 4.3-4.5		Sec 4.6-4.7 Review Exam 2	
9/24	Exam 2 (Ch 3, 4)	9/25	9/26	9/27 9/28
	Sec 5.1-5.2		Sec 5.3-5.5	
10/1		10/2	10/3	10/4 10/5
	Sec 5.6-5.7, 6.1		Sec 6.2-6.4	
10/8		10/9	10/10	10/11 10/12
	Sec 6.5-6.6 Review Exam 3		Exam 3 (Ch 5, 6) Sec 7.1-7.2	
10/15		10/16	10/17	10/18 10/19
	Sec 7.3, 8.1		Sec 8.2-8.3	
10/22		10/23	10/24	10/25 10/26
	Sec 8.4 Review Exam 4		Exam 4 (Ch 7, 8) Sec 9.1-9.2	
10/29		10/30	10/31	11/1 11/2
	Sec 9.3-9.4		Sec 9.5-9.6	
11/5		11/6	11/7	11/8 11/9
	Sec 10.1-10.3		Sec 10.4-10.6	
11/12		11/13	11/14	11/15 11/16
	Sec 10.7-10.8, Review Exam 5		Exam 5 (Ch 9, 10) Sec 11.1	
11/19		11/20	11/21	11/22 11/23
	Sec 11.2-11.3		THANKSGIVING (NO CLASS)	
11/26		11/27	11/28	11/29 11/30
	Sec 11.4-11.5		Review Exam 5	
12/3	Exam 6 (Ch 11)	12/4	12/5	12/6 12/7
	Final Review		Final Review	
12/10	Final Exam	12/11	12/12	12/13 12/14

Note: This schedule is subject to change