Los Angeles Community College District
Los Angeles Mission College

Syllabus Spring 2008

Course: Math 125: Intermediate Algebra
Section: 0368
MW: 2:00pm-4:30pm, Room BUN7

Instructor: Hai Phu Ngo
Office hours: MW: 1:25pm-1:55pm
Office: Instructional Center, Room 1011
Voicemail: 
Email: hngo@elcamino.edu

Required Text: Intermediate Algebra, 8th edition
Authors: Kaufmann/Schwitters

Important Dates: Mar. 03/2008: Last day to drop without a “W”.
May 05/2008: Last day to drop with “W”.
Final Exam: M 06/02/2008: 3:00pm-5:00pm

Attendance: It is important that you attend class. Regular attendance will be expected. You are expected to attend class punctually and are responsible for assigned course work. If you are have more than three absences, you may be dropped from your class on your fourth absence. However, it is not your instructor’s responsibility to drop you. **It is your responsibility to drop if you decide not to finish the course.** If you do not drop and I do not exclude you, your name will be appeared on the grade roster at the end of the semester and there will be no choice but to assign a F grade. **So be sure to drop officially if you do not intend to finish the course.**

Zero Tolerance Cheating Policy – Mathematics: Cheating in this class is defined as knowingly or unknowingly participating in the submission of unoriginal work for any assignment, quiz, test. If it is determined that a student has cheated in this class, the instructor is required to fill out an Academic Dishonesty Report Form, and submit it to the Chair of Mathematics department who will forward the report to the VP of student services for disciplinary action which may include suspension or expulsion. In addition to sending the report, the instructor may take the following actions:

1) Assign a non-replaceable fail grade for the assignment, quiz, test even if doing so results in the impossibility of the student to pass the class.

2) Deduct an amount of points, as specified in the syllabus, from the student’s overall total points for a Conduct Code Violation even if doing so results in the impossibility of the student to pass the class.

3) Dismiss the student for the remainder of the class session and/or the next class section.
Math 125 : Learning Outcomes

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.

Read the textbook: The textbook provides a reasonable level of mathematical rigor and many exercises are quite reveling. I strongly encourage you to read the text carefully. The lectures are designed as a supplement to and not an alternative for the textbook. Students are expected to master all topics in the textbook unless otherwise indicated and regardless of whether they are mentioned in the lecture.

Homework: I will assign homework everyday. It will not be collected or graded. Your quiz and test scores will indicate if you are doing the homework. You can ask any homework you can not solve at the next class meeting.

Quizzes: There will be 11 (eleven) quizzes. Be prepared everyday! The quizzes will cover recent material. Each quiz is 10 points. If you are absent and miss the quiz you will not be allowed to make it up. However, the lowest quiz score will be dropped, so you can use it as the quiz you miss. Total quizzes score is 100 points.

Tests: There will be 6 (six) tests during the semester and one lowest test score will be dropped. No make up test for any reason. 100 points for each test.

Final: There will be a comprehensive final. This final is mandatory to pass this class. The final test score is 200 points.

Grading Scale: The following is the tentative grading scale base on the maximum score of 800 points:

Course Schedule

The following schedule should serve as a tool for preparing for each lecture, including dates for quiz, and tests. The instructor reserves the right to change the following schedule with prior notice.

M 02/04: Introduction. Chapter 1: 1.1 to 1.4.
W 02/06: Chapter 2: 2.1- 2.3
M 02/11: Chapter 2: 2.3- 2.5.
W 02/13: Chapter 2: 2.5- 2.7. Quiz # 1
M 02/18: Holiday. No Class
W 02/20: Review Chapter 1 & 2. Test # 1 (Ch 1 & 2).
M 02/25: Chapter 3: 3.1- 3.4
W 02/27: Chapter 3: 3.5- 3.7. Quiz # 2
M 03/03: Chapter 4: 4.1- 4.4.
W03/05: Chapter 4: 4.5- 4.7. Quiz # 3
M03/10: Review Chapter 3 & 4. Test # 2 (Ch. 3 & 4)
W03/12: Chapter 5: 5.1- 5.4. Quiz # 4
M03/17: Chapter 5: 5.5- 5.7
W03/19: Chapter 6: 6.1 – 6.3. Quiz # 5
M03/24 & W 03/26: Spring Break. No Class
M 03/31: Holiday. No Class
W04/02: Chapter 6: 6.4 – 6.6.
M04/07: Review Chapter 5 & 6. Test # 3 (Ch. 5 & 6)
W04/09: Chapter 7: 7.1- 7.3.
M04/14: Chapter 7: 7.3- 7.5. Quiz # 6
W04/16: Chapter 8: 8.1 & 8.2
M 04/21: Chapter 8: 8.3 & 8.4. Quiz # 7.
W04/23: Review Chapter 7 & 8. Test # 4 (Ch. 7 & 8)
M04/28: Chapter 9: 9.1 – 9.3. Quiz # 8
M 05/05: Chapter 10: 10.4 – 10.7. Quiz # 9.
W 05/07: Review Chapter 9 &10. Quiz # 10.
M 05/12: Chapter 11: 11.1- 11.3. Test # 5 (Ch. 9 & 10)
W 05/14: Chapter 11: 11.3- 11.5. Quiz # 11
M 05/19: Review Chapter 11. Test # 6 (Ch. 11)
W 05/21: Review for Final.
M 05/26: Holiday. No Class.
W 05/28: No Class
M 06/02: Final Exam: 3:00pm- 5:00pm
**Homework Assignments**: Only work on **Odd** numbers.


Chapter 2: 2.1: # 17-33. 2.2: # 35-59. 2.3: # 21-35, 49-57. 2.4: # 19-31, 55-63. 2.5: # 41, 43. 2.6: # 13-21. 2.7: # 11-37.

Chapter 3: 3.1: # 5-9, 33-37. 3.2: # 21-37 3.3: # 1-9, 27-33. 3.4: # 11-19 3.5: # 37-47. 3.6: # 1-13.

Chapter 4: 4.1: # 25-41. 4.2: # 1-9, 33-43. 4.3: # 11-29. 4.4: # 1-33 4.5: # 1-33. 4.6: # 11-41

Chapter 5: 5.1: # 31-43 5.2: # 35-69 5.3: # 5-35 5.4: # 7-37 5.5: # 5-37 5.6: # 5-51 5.7: # 25-37


Chapter 7: 7.1: # 1-11, 17-29 7.2: # 5-27

Chapter 8: 8.1: # 1-29 8.2: # 1-25 8.3: # 1-29

Chapter 9: 9.1:# 1-47 9.2: # 1-39 9.3: # 1-49 9.5: # 1-29