

## SYLLABUS

COURSE	Intermediate Algebra (Math 125, Section 3417), Spring Semester 2016 Class Meets: 6:50 – 9:20pm MW in MS 110
TEXTBOOK	Intermediate Algebra (Prentice Hall, by Elayn Martin-Gay), 6 <sup>th</sup> Edition
INSTRUCTOR	Dr. S. Chen Office: CC#238      Tel: (818) 947 – 2478      e-mail: liangs@lavc.edu Office Hours: 2:20pm – 4:00pm MWTTh in MS110
COURSE DESCRIPTION	Reviews concepts learned in Math 115 and applies them to more complicated problems also covers inequalities, absolute values, relations and functions, conic sections, exponential and logarithmic functions.
COURSE	Apply Math 115 concepts and techniques to more complicated problems. Solve OBJECTIVES
system of 3 linear equations in 3 variables using various methods. Solve polynomial, rational, radical, and absolute value equations and inequalities. Express solution sets graphically and using interval notation. Identify, analyze, and graph equations of lines, circles, parabolas, ellipses, hyperbolas, exponentials, and logarithms. Identify relation and functions, find the domain and range, sketch graphs, and find inverses. Solve exponential and logarithmic equations and applications.	
STUDENT LEARNING OUTCOME	Students will be able to think analytically and read critically to solve intermediate algebra level mathematical problems.
COURSE REQUIREMENTS	Students should preview all new topics before they are presented in the class. <b><u>Students are expected to attend all class periods and complete homework assignment by the time class meets. It's students' responsibility to drop the class. According to district policy, a student caught cheating on a test should be given zero points on that test.</u></b> If you are a student with a disability and require classroom accommodations, and have not contacted SSD, do so in a timely manner. SSD is located in the Student Service Annex, Room 175 or call SSD at (818) 947-2681 or TTD (818) 947-2680, to meet with a SSD counselor. If SSD has already sent the memo to instructor confirming accommodations required by student for this class, please meet with me to discuss arrangements. This document can be made available in alternate format upon request from SSD at (818) 947-2681. Financial aid is available! Call (818) 947-2412. Go to the Financial Aid Office in the Student Services Center, first floor. For more info: <a href="http://lavc.edu/financialaid/index.html">lavc.edu/financialaid/index.html</a> . Accommodations will be given for religious holidays if a 2-week written notice is given.
GRADING	The maximum score for each quiz and assignment is 10 points. The maximum score for each test and final exam is 100 points. Final grade = ( Average test points ) x 0.5 + ( Average quiz points ) x 10 x 0.15 + ( Average assignments points ) x 10 x 0.15 + ( final exam points ) x 0.2 A = 90-100, B = 80-89, C = 70-79, D = 60-69 Quizzes and assignments will be given at every class meeting except test days. No late work will be accepted and no makeup quizzes or tests will be given. Students will be suggested to drop the class if they miss two or more classes.
IMPORTANT DATES	2/21/2016 is the last day to drop the class for a refund and without a "W". 5/8/2016 is the last day to drop the class with a " W " .

DATE	Text Section	DATE	Text Section
2/8(M)	2.1 – 2.4	4/6(W)	Spring Break
2/10(W)	2.5 – 2.7	4/11(M)	Test 2
2/15(M)	President's Day	4/13(W)	7.7, 8.1, 8.2
2/17(W)	3.1 – 3.3	4/18(M)	8.3, 8.4, 8.5
2/22(M)	3.4 – 3.6	4/20(W)	8.6, 9.1, 9.2
2/24(W)	3.7, 4.1, 4.2	4/25(M)	9.3 – 9.5
2/29(M)	4.3, 5.1, Test 1 Review	4/27(W)	9.6, Test 3 Review
3/2(W)	Test 1	5/2(M)	Test 3
3/7(M)	5.2 – 5.4	5/4(W)	9.7, 9.8, 10.1
3/9(W)	5.5 – 5.7	5/9(M)	10.2 – 10.4
3/14(M)	5.8, 6.1, 6.2	5/11(W)	11.1 – 11.3
3/16(W)	6.3 - 6.5	5/16(M)	11.4, Test 4 Review
3/21(M)	6.6, 7.1, 7.2	5/18(W)	Test 4 Review
3/23(W)	7.3 – 7.5	5/23(M)	Test 4
3/28(M)	7.6, Test 2 Review	5/25(W)	Final Review
3/30(W)	Test 2 Review	5/30(M)	Memory Day
4/4(M)	Spring Break	6/6(M)	Final Exam 7:00 – 9:00pm