West Los Angles College --- Fall 2012
MATH 127 – Basic Intermediate Algebra I (section #1492)
MTWTR: 11:10 AM – 12:25 PM, Room: ATA 201

Instructor : Tanshee Cheng
Office Hours: Tu Th 12:30 pm – 2:00 pm in MSB-217 and also by appointment
Email : chengtt@wlac.edu

Prerequisite :
Completion of Math 115 or 118 with a grade of "C" or better, or appropriate placement level demonstrated through math assessment process.

Text Book :
Intermediate Algebra, 11th Edition, by Lial, Hornsby, McGinnis.
ISBN-13: 9780321715418
ISBN-10: 0321715411

Course Description:
In this course, manipulative skills in the algebra are developed and strengthened. It covers the first half of Math 125 which includes Linear Equations and Inequalities, Graphs and Functions, Systems of Linear Equations and Inequalities, and Polynomials and Factoring. A wide variety of statement problems are included in the course.

Grades:

HW / Quizzes	10%
Tests	63% (3% extra credit)
Final	30%

Grading Cut-off:

90% - 100%	A
80% - 89.9%	B
70% - 79.9%	C
60% - 69.9%	D
59.9% - below	F

Homework:
It is very important to do your homework. This is a form of practice for your quizzes and exams. Homework problems will be assigned after the lecture. It will be handed in on the day of the test. **No Late homework will be accepted**. Copy all original problems except for word problems. Make your homework neat and show all logical steps. Use pencil. You will receive 0 credits for not showing your work and/or not using pencil. Each section's homework is worth 10 points.

Quizzes:
A quiz will be given on every Thursday. **No make-up quizzes**. Also expect a pop quiz on every class meeting. The pop quiz will be based on previous class lecture.

Test:
There will be six tests. All tests are closed book, closed notes, and no calculator. Make-up test is given in cases of emergency upon the demonstration of the proof of emergency absences. **Otherwise, no make-up tests.** Test date will be announced in the class a week prior to the test date.

Final:
The final exam is cumulative. The exam is closed book, closed notes and no calculator is allowed. Final exam is mandatory, and failure to attend will result in a "F".

Calculators:
You may use the calculator on the final, but not one the tests. I will teach how to use calculator for some function. So you should get a scientific (optional: graphing) calculator with statistical capability. **You cannot use your cell phone as calculator.**

Attendance:
Each time you are late or leave early form class will count as a 1/2 of absence. More than 4 absences may result in being dropped from the class. However, it is student's responsibility to drop the class if he/she decides to withdraw from the class.

Academic Honesty:
Any form of dishonesty will not be tolerated and will be an automatic 0 on that quiz, test, and final, and will report to the college.

DSP&S:
If you are a student with special needs, then you have to inform me and a DSP&S representative by no later than beginning of second week.

Course SLOs:
1. Solve using appropriate techniques: linear equations; equations involving rational expressions or absolute value; equations involving factorable polynomials; and systems of two or three linear equations.
2. Graph and analyze linear, polynomial and rational functions using algebraic techniques; graph solution sets of linear and non-linear inequalities in one and two variables.
3. Analyze, model, and solve applications ("story" problems) within the scope of the above.

Math Program SLOs:
1.) Apply quantitative thinking processes using basic mathematical operations to solve common academic, workplace, and family problems. (Theme: mathematical operations)
2.) Analyze and interpret spatial and graphic data (schedules, maps, and tables, graphs) to plan and organize daily routines. (Theme: spatial and graphic data).
3.) Use mathematical tools essential for analyzing quantitative problems and for producing solutions. (Theme: mathematical tools)
4.) Apply advanced mathematical concepts and tools (algebra, calculus) essential in upper division academic work and/or workplace tasks. (Theme: advanced mathematical operations—algebra, calculus)
5.) Select appropriate math strategies for solving and handling real life problems involving finance, economics, and family issues. (Theme: mathematical problem-solving)

Important Dates:
Last Day to add	: 09/06/2013	
Drop Deadlines	: without W: 09/06/2013	with W: 11/15/2013
Final	: Dec 12 , 2013	11:30 am – 1:30 pm