

# VALLEY COLLEGE math 125 spring 2016 (late-start) course SYLLABUS

**COURSE :** Math 125, Intermediate Algebra

**SECTION :** 7405

**TIME :** Tuesdays and Thursdays, 4:00 PM – 6:30 PM (Starts 4/11/2016)

**LOCATION :** MS 107

**INSTRUCTOR :** A. Yen (email : yenac@lavc.edu)

**OFFICE HOURS :** Tuesdays, 3:50-4:00 PM; breaks (15 min); 6:30-6:40 PM @ MS107, Appointments

**TEXT :** Intermediate Algebra; E. Martin-Gay, 6th Edition

## STUDENT LEARNING OUTCOMES (SLO) :

Student will be able to think analytically and to solve intermediate algebra level mathematical problems.

Upon successful completion of Intermediate Algebra (Math 125) the student will be able to:

1. Represent and analyze basic functions and their applications using tables, graphs, and equations. Use and interpret function notation in both algebraic and graphical contexts.
2. Write and analyze linear models for functions with constant rate of change. Graph linear equations and interpret slope as a rate of change in real world situations. Model problems involving two or more unknowns by writing and solving systems of equations or inequalities.
3. Formulate and analyze quadratic models, such as projectile motion, revenue functions, and problems involving area or the Pythagorean Theorem, and applications of conic sections, such as planetary orbits.
4. Apply and interpret exponential models such as population growth and compound interest, and logarithmic scales such as pH and earthquake magnitude.
5. Use exponents and radicals to analyze power functions in applications such as direct and inverse variation.

**EXAMS :** 3 Midterms - 120 Minutes Each

1, - Thursday, April 21, 2016

2, - Thursday, May 8, 2016

3, - Thursday, May 19, 2016

Final - Tuesday, May 31, 2016; 4:00 PM – 6:00 PM

**GRADING :** Practice Tests & Home-works - 17%

Midterms - 17% Each, Total 51%

Final - 32%, Comprehensive

**NOTES :**

**1, Late-Start Math 125 Intermediate Algebra class is an extremely fast pace class! We will complete a whole semester (15 weeks) of material in only 7 weeks (4/11/16- 5/31/16). This class is a hybrid class that means you will come to campus for in-class lectures on Tuesdays and Thursdays and you are also responsible for online learning material (watching lecture videos) and doing online home-works. You do understand that you need to commit minimum 10 to 25 hours (possible more) a week in your Intermediate Algebra for this Late-Start class.**

**2, Students don't show up in the FIRST class will be excluded automatically; Students missing ONE midterms will be excluded.**

**3, Students are responsible for their registrations either in or out. *It is solely the responsibility of the students to drop themselves from class through the Office of Admissions. Failure to do so may result in a grade of "F" in the class.***

**4, Last day of instruction is Thursday, May 26, 2016.**

**5, Last day to drop with a "W" record - May 8, 2015.**

**6, No Make-Up Exams (Midterms or Practice Tests); No Late Home-works accepted!**

**7, No cellular phones (iphones, iPods, etc.) are allowed (Simply DO NOT SHOW YOUR CELLULAR PHONES IN CLASSES).**

**8, Students may use scientific or basic calculators during exams.**

**9, Students with disabilities, whether physical, learning, or psychological, who believe that they may need accommodations in this class, are encouraged to contact SSD (Student Services Annex, Room 175) as soon as possible to ensure that such accommodations are implemented in a timely fashion.**

**10, *Students will not be allowed to register for any course at any college within the LACCD if there are already three recorded attempts for that course in any combination of W, D, F, or NP grades.***