MATH 106: Intermediate Algebra
INSTRUCTOR: Dr. Anya Kroth
Section 29270
MTWTh 10:55AM-12:05 PM, AAS 12
408-741-2581
anya_kroth@westvalley.edu

Course Description: An intensive study of algebra concepts, including 1st and 2nd degree equations and inequalities, operations with polynomials, rational expressions, exponential and radical properties, graphical representations of functions, systems of equations, functional notation, and exponential and logarithmic functions.

Prerequisite: Math 103 or 103R or 1 yr. of high school algebra with a grade of C or better. Math 104 or 1 yr. of high school geometry is recommended.

Required Materials: Intermediate Algebra For College Students, by Robert Blitzer, 3rd ed. (Prentice Hall, 2002) and a graphing calculator. Any graphing calculator is acceptable, but the TI-83 or TI-83 plus calculator are preferred.

Course Objectives: Upon completion of this course the student should be able to solve equations and inequalities in one variable, solve systems of equations and inequalities, produce and interpret graphs of functions and solve applied problems.

Important Note: This course covers the mathematical content while stressing the SCANS skills. See the handout called "What is SCANS?"

Grading
270 pt's: 9 exams 30 points each
20 pts Home Work
100 pt's: Final exam
20 pt's Portfolio (See the handout called "Portfolio")
Total points: 410 points
20 Bonus points (see the handout called "Bonus Points")

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<tr>
<th>Points Range</th>
<th>Grade</th>
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<tbody>
<tr>
<td>369-up points</td>
<td>A (90-100%)</td>
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<tr>
<td>328-368 points</td>
<td>B (80-89%)</td>
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<td>267-327 points</td>
<td>C (65-79%)</td>
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<td>226-266 points</td>
<td>D (55-64%)</td>
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<td>Below 226 points</td>
<td>F</td>
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Exams: There will be no make-up exams. However, the final exam grade may be used to replace the lowest exam score. The final, comprehensive and mandatory, is scheduled for Wednesday, December 15, 9:40 AM-11:40 AM.

Office Hours: MTWTh 10:30AM-10-50 AM (SM 3B) and by arrangement, Office SM 3B.

Support Services: You can get help from your instructor during office hours, by email or by phone. You could also contact a group member (see Bonus Points). Help is also available from two other sources: Math Resource Center and Tutorial Services. Math Resource Center is located in SM 4. Tutorial Services are located in the Library. You can go there for free drop-in tutoring anytime you need help. Check with the Tutorial Center for hours they are open (741-2038).

Attendance Policy: You are expected to attend all classes. According to WVC regulations, you may be dropped from the class if you miss more than three classes.

Drop day: Last day to drop the class with a grade of W is Friday November 19.

Emergency Evacuation: In case of fire or earthquake, you will follow me outside to a designated safe area in the left corner of the parking lot directly opposite the AAS Building. We will wait there together for a short time so that emergency equipment can reach the campus and then we will disperse.