

Syllabus ---Spring 2012

MATH 151(04) 051944—Algebra I (5 units)

MEETING: MTWThF 9:15 AM – 10:15 AM in room HH 118

INSTRUCTOR: Anh Nguyen

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WEBSITE: www.ohlone.edu/people/anguyen/

**OFFICE HOURS: Monday & Friday: 10:30 AM – 11:30 AM in the Math Learning Center (Room HH 219)
Friday: 12:00 PM – 3:00 PM in 8309**

OFFICE PHONE: (510) – 979 –7449

PREREQUISITES: Passing grade in Basic Math or the equivalent.

TEXTBOOK:

Elementary and Intermediate Algebra, 5th edition, Volume I Bittinger, Ellenbogen, & Johnson, Pearson Custom Publishing, ISBN 055826137X (included in the package with MyMathLab).

CALCULATOR:

You will need a scientific calculator or a TI graphing calculator.

SOFTWARE (MyMathLab)

MyMathLab is included with your textbook. All of your homework assignments and tests will be computer-graded as soon as they are completed. To enroll in MyMathLab, go to the website www.coursecompass.com and enroll in my class, using the **course ID: nguyeu96501**

SECTION COVERAGE:

Chapters 1, 2, 3, 8.1, 8.2, 8.3, 4, 5, 6.

STUDENT LEARNING OUTCOMES:

Upon successful completion of this course, the student will have acquired the following knowledge and skills:

1. Demonstrate basic skills in algebra up through quadratic equations through tests and problem solving.
2. Set up stated problems algebraically and solve the resulting equations.
3. Solve problems presented via formulas or procedures.
4. Graph linear equations.
5. Solve systems of linear equations using graphing, substitution, and elimination methods.
6. Simplify exponential expressions with integer exponents.
7. Identify polynomials and perform operations with polynomials.
8. Factor polynomials using grouping, FOIL, special products formulas, and trial and error methods.
9. Solve quadratic equations using factoring and their applications.

10. Simplify rational expressions and complex fractions and solve applications of rational equations.

CLASSROOM INSTRUCTION:

Attendance:

It is college policy that if your cumulative absences equal or exceed the equivalent of **two weeks** of class, you may be dropped from the class. If you decide not to continue in the class, it is your responsibility to withdraw from the class. Failure to do so could result in an F grade for the course.

Decorum:

Please be prepared to begin no later than the beginning of the hour and work steadily for the full period. Be prepared daily with every thing you need. Silence all pagers and cell phones. If you have any problems with me, with another student, or with the way the class is structured, let me know so we can discuss the matter outside of class. Please do not talk in class. It is very hard for me to teach and hard for other students to learn.

Scholastic Dishonesty:

Cheating is not tolerated in college courses and will be prosecuted in accordance with college procedures and regulations.

Drop-In Tutoring:

The Math Learning Center is located in Hyman Hall, on the second floor, room 218 and 219. It is a place where you can get tutoring from instructors or student tutor, study, or use Computers. The service is free and you do not need to sign up in advance.

Hours of operation for Fremont Campus Math Learning Center:

Monday – Thursday: 9:00 am – 6:00 pm

Friday: 9:00 am – 1:00 pm

Weekends, Breaks, and Holidays: Closed

Hours of operation for Newark Campus Math Learning Center:

Monday – Thursday: 10:00am – 6:00 pm

Weekends, Breaks, and Holidays: Closed

When you come to the Math Learning Center you will see a log-in computer near the door. All students using the Math Learning Center must log in and out on this computer on each visit.

Computer Programs:

The Math Learning Center (room HH 218 and 219) has computers and software to help you understand and practice your math.

Quizzes & Homework:

Homework will be assigned regularly. The homework for each chapter is due on the test day for that chapter. Your homework will be on-line using the MyMathLab software. This software will immediately grade your homework.

The quizzes are similar to the homework. No make-ups will be given, but I will drop one lowest quiz score.

Tests:

There will be 6 tests during this semester. Mostly, each test will be given after each chapter. No make-ups will be given under any circumstances. I will drop one lowest test score.

Grading:

Homework: 20%

Quizzes: 20%

Tests: 40%

Final: 20%.

Final for this class will be on Wednesday, May 16th, from 9:30 am to 11:30 am.