

Course: *Elementary Algebra*
TTH: 9:05-11:35
Section: # 0152, Bung -1

Instructor: Mehri Hagar
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Office Hours: 11:36--12:05(TTH) **Location:** Inst -1011

Textbook: Jerome E. Kaufmann , Elementary Algebra (8th edition)

Tools: calculator, ruler, 3-ringed notebook and graph paper.

Your notebook must have 5 divisions: 1) syllabus, 2) lists of assigned homework and exam grades, 3) your class notes, 4) class-work, and 5) homework.

Important Dates: **Final:** Saturday May 31 at 10:15- 12:15 P.M. (Bung)
March 3: Last day to drop without a "W"
May 5: Last day to drop with a "W"

Course Description: Basic concepts of arithmetic, real numbers, radical expressions, simplifying algebraic expressions, solving equations, factoring polynomials, performing operations with algebraic fractions, graphing linear equations in two variables, solving systems of equations (3 methods), solving second degree equations (2 methods).

Student Learning Outcomes Upon Completion of this course will be:

Categorize numbers; manipulate numbers using basic numerical operations; evaluate arithmetic expressions containing exponents; solve first-degree equations and inequalities; solve formula for a given variable; recognize and solve proportion problems; analyze and solve word problems; simplify, add, subtract, multiply and divide polynomials; simplify expressions containing negative exponents; factor polynomials using appropriate methods; apply factoring techniques to solve second-degree equations; factoring polynomials using a variety of techniques; solve equations and word problems using factoring; manipulate and simplify algebraic expressions; solve equations containing algebraic fractions; graph equations in two variables; determine equations of lines; solve systems of equations; determine roots; simplify, add, subtract, multiply and divide radicals; solve equations containing radicals; solve quadratic equations using completing the square and the quadratic formula; define and evaluate relations and fuctions.

Grades for Semester:

Final- (30% of total grade) Final is cumulative—meaning it includes all content covered.

Tests- (60% of total grade) Given regularly after one or two chapters(total 6-8 Tests)

Class work and Quizzes (5%) Homework, and participation (5%)

Note: CW, and HW must be turned in on time.

There are NO makeup exams.

NOTE: You must keep a record of your grades and performance. Also you must bring your own blank scantron to all exams. This means bring your scantron (Form 882) always--be prepared. Group work is essential to learning, and you must work in your assigned group.

NOTE: No children are permitted to be in the class.

NOTE: If the instructor is detained, you must stay until the campus police inform you about the status.

NOTE: Homework will be assigned as course material is covered. Homework is expected to be completed. As a serious student, you are expected to complete by and turn in your homework only on the day of next exam; and you should spend a minimum of two hours on homework for each hour you are in class. **Your papers must be neat, legible, stapled, and arranged sequentially in the order presented in the assignment. No unstapled papers will be accepted—no exceptions.** Homework is a process necessary for learning mathematics. Taking shortcuts with homework can result in lower performance on tests. **Learning is a process of doing.**

Grade

A	90–100 %
B	80–89
C	70–79
D	60–69
F	0–59

Note: Regular attendance is required. Please be on time. **If you should choose to drop this class, you must drop before the final drop date. Do not assume that a drop is automatic or that the instructor will initiate a drop for you.**

Disruptive Behavior: For the rights of each individual in the class, all behavior, which interferes with the instruction and lecture of the class, will not be tolerated. Disruptive behavior is defined as constant and frequent interruptions such as excessive talking, loud noises, and verbal abuse toward other students or the instructor. There will be **NO** beepers, cellular phones, or crunchy foods such as potato chips or peanut brittle, which may distract other students' focus.

After a warning, failure to follow class guidelines may result an expulsion from the class.

Note: Please keep in mind; I am always available and eager to hear from you.

The above schedule and procedures will be strictly followed, unless unexpected circumstances warrant changes.

HOW TO STUDY: *Set up a schedule and stick to it*

Approx. 3 hours of study for each hour of class per week

Give more time to difficult subjects

Give more time for review

Make changes if schedule isn't working well

Study at a table, not in bed

Good light, cool room temperature

Avoid distractions