

INSTRUCTOR:

Dr. Harry S. (Steve) Mills, EDBH 134K, 970-339-6238. (E-Mail: Use Course Website)

CATALOG DESCRIPTION:

Emphasizes problem solving with further study of equations, slope, inequalities, systems of equations, polynomials, quadratic equations, rational expressions, rational exponents, radical expressions, graphing and applications. (4 CREDITS)

PREREQUISITES: "C" or better in MAT 090, or EA 61-84 or ACT (Math) 19 or SAT 460.

REQUIRED MATERIALS:

1. **Textbook:** Martin-Gay, Elayn. INTERMEDIATE ALGEBRA. 5TH edition. Pearson, Prentice-Hall. 2009. ISBN:9780136007296 (Greeley bookstore prices: \$110.50 (used) and \$147.50 (new)).
2. **Scientific Calculator:** It should display the expression before you enter it, and let you scroll back and edit expressions you've already entered. The TI-30X IIS (ti-30x iis) is Graphing calculators are *prohibited* on quizzes and tests. Cell phone calculators are *prohibited* on quizzes and tests. Cell phones are prohibited in class, for that matter..

Learning Outcomes:

The student will demonstrate knowledge and usage of ...

- ... elementary algebra and problem solving.
- ... graphing linear equations and inequalities.
- ... systems of equations in two and three variables.
- ... inequalities and absolute value
- ... polynomials.
- ... rational expressions.
- ... exponents and radicals.
- ... quadratic equations and functions.

DISABILITY ACCESS CENTER: Any student who feels s/he may need an accommodation based on the impact of a disability should contact Disability Access Services (DAS) privately to discuss her/his specific needs. Please be aware that before accommodations can be allowed in class they must be approved through the DAS Office. Students should contact DAS at 970-339-6251 or disabilities@aims.edu to set up an appointment to discuss the process of requesting reasonable accommodations. The DAS Office is located in the College Center.

GENERAL STUDENT CONDUCT: Students are expected to practice academic honesty. Each student is responsible for contributing to a positive learning environment in classroom situations. Students who conduct themselves contrary to the best interest of the class as a whole may be dropped from the roster. This includes, but is not limited to, cell phones and beepers being left on, conversations with those around you in a voice that interrupts or interferes with other's learning, leaving and then returning to the classroom or continually arriving late or leaving early from class without a legitimate reason. Students should refrain from expressing derogatory opinions concerning race, gender, ethnicity, and should avoid using obscene language. They must refrain from any form of cheating, plagiarism, or knowingly furnishing false information to the college.

Because respect for the learning process is critical, no behavior that disrupts another student's ability to learn will be tolerated. The first example of such behavior will result in a warning. The second incident will result in expulsion.

CONDUCT IN PARTICULAR: If you follow your common sense and exercise common courtesy and honesty in all our dealings, you will not have any student conduct problems.

Cell phone (voice or text) usage during class is prohibited. This includes using your cell phone as a calculator.

Coming to class *promptly* is mandatory, and working on your math in class is mandatory. If you can't make it to class, you are still accountable for what was covered. Send me an e-mail explaining your absence, and hand in your work on time, and we will have few problems. Your attendance is measured by the homework you turn in, so at LEAST turn in at least one page with your name on it every day that homework is due.

Arriving late to class is a disruption. Better late than never, though – just be unobtrusive.

GRADES:

Homework: 20%

Quizzes: 40%

Midterm: 20%

Final: 20%

Makeup Tests: Documented illness and funeral obligations are the only excused absences on test days.

My Weekly Schedule

| | Monday | Tuesday | Wednesday | Thursday | Friday |
|---------------|-------------------|-------------------|-------------------|----------|-------------------|
| 7:10 – 8:00 | | Office | Office | | |
| 8:10 – 9:00 | 122 G11 BH 140 | | 122 G11 BH 140 | Prep | 122 G11 BH 140 |
| 9:10 – 10:00 | 099 G12 BH 129 | 099 G12 BH 129 | 099 G12 BH 129 | Office | 099 G12 BH 129 |
| 10:10 - 11:00 | Office | Prep | Office | | Office |
| 11:10 - 12:00 | Lunch | | Prep | Prep | |
| 12:10 - 1:00 | 203 G11 BH 131 | 203 G11 BH 131 | 203 G11 BH 131 | Prep | 203 G11 BH 131 |
| 1:10 – 2:00 | | Office | Office | | |
| 2:10 – 3:00 | | | | | |