

MATH 97 ELEMENTARY and INTERMEDIATE ALGEBRA

SYLLABUS

Instructor: Lee Koratich
Office: 1055 East Tropicana Suite #100, Office 106
Phone: (702) 739-8734 (E-mail is better!)
E-mail: Lee.Koratich@csn.edu
WebPage: www.nevada.edu/~koratich

Office Hours

Monday – Thursday: 4:00 pm – 5:15 pm, 1055 East Tropicana Suite #100, Office 106

Text

Beginning and Intermediate Algebra, 4th Ed. by Lial, Hornsby, & McGinnis ; ISBN: 0-321-44233-4

Calculator

A standard scientific calculator is recommended for this course.

Course Description

A one-semester course that is equivalent to the combination of MATH 95 and MATH 96. Topics include solving linear equations in one variable, polynomials, integer exponents, factoring, rational expressions and equations, graphing linear equations in two variable, inequalities, systems of linear equations, radicals and rational exponents, and quadratic equations.

NOTE: This course does NOT satisfy the math component of a degree or certificate program at CSN.

Prerequisite

Satisfactory ACT/SAT/CSN Mathematics Placement Test score, or MATH 093 with a grade of C or better, or equivalent.

Course Objectives

- a. Solve linear, absolute value, and quadratic equations.
- b. Solve linear and absolute value inequalities.
- c. Solve systems of linear equations.
- d. Work with exponents.
- e. Work with polynomial arithmetic.
- f. Factor polynomials and solve equations by factoring.
- g. Work with rational expressions and solve rational equations.
- h. Work with functions and functional notations.
- i. Graph linear functions
- j. Perform arithmetic on irrational numbers
- k. Apply and extend all concepts.

Attendance

Regular attendance is required at all class meetings. This will be enforced by the use of unannounced (i.e. “pop”) quizzes, which will not be available for makeup (see below). A missed quiz will be given a grade of 0. The lowest two quiz grades will be dropped.

Grading and Missed Work Policy

Your grade will be comprised of unannounced Quizzes, six Tests, and a Midterm, and the Final Exam:

10%	Averaged Quizzes (lowest 2 dropped)
60%	Six Tests (10% each)
15%	Midterm Exam (Math 95 Final)
<u>15%</u>	Final Exam (Math 96 Final)
100%	Total

The following grading scale will be used:

	87% – 89%	B+	77% – 79%	C+			
100% – 93%	A	83% – 86%	B	73% – 76%	C	60% – 69%	D
90% – 92%	A-	80% – 82%	B-	70% – 72%	C-	0% – 59%	F

Homework: Math is a skill, and, like any skill, it must be practiced. Thus, for each section covered, there are several homework problems for you to try. Homework will not be collected – it is for your benefit. I encourage you to work as many of the problems as you need in order to fully master the skills in this course. As an added incentive, the problems on the quizzes (see below) will be very similar (if not identical) to the homework problems.

Quizzes: There will be several unannounced (i.e. “pop”) quizzes given throughout the semester. The quizzes will be based upon (and, indeed, may be identical to) the homework problems that are assigned for each section. A missed Quiz can not be taken again, and will be given a score of 0%. The lowest two quiz grades will be dropped. The averaged quiz grades will constitute 10% of your overall grade.

Tests: There will be six tests given throughout the semester, each worth 10% of your grade. The dates and sections covered on these tests are listed on the Topic Assignment and Daily Schedules. If you know that you will be absent the day of a test, please discuss this with me at least one week before the scheduled test so that, if it is deemed appropriate, we may make alternate arrangements for you to take the test. If you do not speak with me beforehand, and are absent the day of a test, a make-up test will be given if accompanied by a documented excuse. **If no documentation is given to explain your absence on the day of a test, then you will receive a 0% for that test.**

Midterm Exam: There will be one cumulative Midterm Exam worth 15% of your grade. No make-ups are possible.

Final Exam: There will be one cumulative Final Exam worth 15% of your grade. No make-ups are possible.

Academic Integrity

Scholastic dishonesty will not be tolerated and will be prosecuted to the fullest extent. You are expected to have read and understood the current issue of the student handbook (published by Student Services) regarding student responsibilities and rights, and the intellectual property policy, for information about procedures and about what constitutes acceptable on-campus behavior.

ADA Statement

Students with medical, psychological, learning or other disabilities desiring academic adjustments, accommodations or auxiliary aids will need to contact a campus Disability Resource Center (DRC):

Cheyenne: 651-4045

Charleston: 651-5644

Henderson: 651-3795

The Disability Resource Center determines eligibility for and authorizes the provision of services.

Information contained in this syllabus, other than the grading, late assignments, makeup work, and attendance policies, may be subject to change with advance notice, as deemed appropriate by the instructor.