

**Course:** MATH 101 – Intermediate Algebra

**Instructor:** Robert Larson, 882-5284, ext. 236

**Duration:** 48 Clock Hours    3 Semester Credits

**Text Required:** *Algebra - Introductory and Intermediate*, 4<sup>th</sup> edition, Aufmann, Barker, Lockwood

**General Course Objectives:** To enhance problem-solving skills. To prepare students for success in future math-involved courses and careers.

**Specific Course Topics:**

1. Properties of real numbers
2. Polynomials
3. Rational expressions
4. Roots and radicals
5. Quadratic equations and selected topics as time permits
6. Relations and functions
7. Systems of linear equations and inequalities
8. Second-degree equations in two variables

**Classroom Procedure:**

1. Answer questions about previous material.
2. Quiz.
3. Discuss new topics using textbook material, worked examples, and small-group practice.

**Attendance:** Attendance is a critical factor for success in school as well as on the job. In Math 101, a student may be absent six (6) hours without penalty. Students should use these six hours wisely. After six hours are missed, a student could be dropped from the class and have to make plans to retake the course at a later time. Under special circumstances such as extended illness, exceptions may be made. School-related absences are not counted in the six hours.

**Grade Determination:** The course grade will be made up of:

Assignments .....	30%
Quizzes .....	30%
Chapter tests .....	30%
Final Test.....	10%

The grading scale is:

- 94% - 100% = A
- 87% - 93% = B
- 80% - 86% = C
- 75% - 79% = D
- Below 75% = F

Revised: 7/09