READ THIS SYLLABUS CAREFULLY. YOU ARE RESPONSIBLE FOR KNOWING THIS INFORMATION! THIS SYLLABUS MODELS THE REQUIREMENTS OF THE NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS.

This course is intended for students enrolled in various non-education programs.

Topics to be considered in this course will come from this list. All topics will be problem solving based.

1. Notions of arithmetic using whole numbers
2. Notions of arithmetic using rational numbers
3. Nature of algebra: Generalized arithmetic
5. System International for measurement.

Purpose of the Course:
This course will provide you with the experience of exploring various of the above topics through a problem-solving context. You will be able to see what NCTM (National Council of Teachers of Mathematics) calls connections. You will connect the
mathematics that you learn to arithmetic, algebra, and geometry. This will allow you to see the various “courses” in mathematics as a unified whole.

**Assessment:**
At various times during this summer session I will provide you with assessments. I won’t schedule them here because I will only give them when you and I believe you are ready for an assessment. I would like to have at least four assessments. They will be problem solving based.

Here is some other important information from the university.

**University Policies:**

1. You must take the final examination at the time specified in the course selection book

2. If you need course adaptations or accommodations because of a disability, if you have emergency medical information to share with me, please make an appointment with me as soon as possible. My telephone numbers are given above.

**Resources Available:**

If you need help, take advantage of my office hours, or call me up. Good luck,

Dr. H