MAT 101 College Mathematics

Course Description
College Mathematics is a 3-credit course for liberal arts and other majors who will not be going on to the Calculus sequence. Topics will include ancient and modern number systems, an introduction to propositional logic and deductive reasoning, an introduction to sets and elementary probability, and other topics chosen by the department and instructor.

Instructional Objectives
At the conclusion of the course, students should be able:
• to convert between different numbering systems
• to evaluate the validity of a logical argument using truth tables
• to calculate the probability of simple events
• to calculate the expectation for probabilistic games

Attendance Policy
Students are expected to exhibit sufficient interest and maturity about their studies to attend class regularly. Five absences will be allowed per semester. Students with excessive absences may be withdrawn from class. There will be no make-ups for missed examinations, and homework will not be accepted late. If you miss a class, you are still responsible for handing in the homework at the beginning of the next class. If you are going to be absent due to a religious holiday, please notify Prof. XXX at least two weeks in advance so that arrangements can be made for you to hand in your work early.