

University of North Alabama
Departmental Syllabus

COURSE TITLE:	Mathematics for Liberal Arts
COURSE NUMBER:	MA 105
CREDIT:	3 Semester Hours
COURSE PREREQUISITE:	Minimum ACT mathematics score of 16 and one unit of high school algebra, or satisfactory completion of MA 099. Not open to students with credit in MA 115 (prior to fall 1998).
COURSE DESCRIPTION:	<i>(Formerly MA 115)</i> This course emphasizes the breath of application of contemporary mathematics to modern society. It is intended primarily for the liberal arts major. Topics covered include charts, graphs, compound interest, problem solving, sets, logic, probability, and statistics.
COURSE OBJECTIVES:	Students should develop skills in analytic thought processes, increase their computational and reasoning skills and learn to apply these skills to the real world.
COURSE CONTENT:	Ratio and proportion, percent, compound interest, mortgages, inductive and deductive reasoning, sets and set operations Venn diagrams, probability and expected value, statistical distributions, and graphs, measures of central tendency and dispersion and the normal curve.
COURSE REQUIREMENTS:	Class attendance and satisfactory completion of chapter tests and a final exam.
EVALUATION:	Evaluation is based on objective exam scores. Assigned grades are 90 – 100, A; 80-89, B; 70-79, C; 60-69, D; Below 60, F

ACCOMMODATION STATEMENT:

In accordance with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973, the University offers reasonable accommodations to students with eligible documented learning, physical and/or psychological disabilities. Under Title II of the Americans with Disabilities Act (ADA) of 1990 and Section 504 of the Rehabilitation Act of 1973, a disability is defined as a physical or mental impairment that substantially limits one or more major life activities as compared to an average person in the population. It is the responsibility of the student to contact Developmental Services prior to the beginning of the semester to initiate the accommodation process and to notify instructors within the first three class meetings to develop an accommodation plan. Appropriate, reasonable accommodations will be made to allow each student to meet course requirements, but no fundamental or substantial alteration of academic standards will be made. Students needing assistance should contact Developmental Services.