

## MA100 - ONLINE PROGRAM - 2005

**Instructor:** Dr. T.Trevorrow

**Office Hours:** Online as needed.

**Email:** WebCT except in emergencies or if the web board should be down, please use : [numeroprime@yahoo.com](mailto:numeroprime@yahoo.com) (make sure MA100 is in the subject line).

**Text Book:** The Nature of Mathematics, Tenth Edition by Karl Smith. Brooks/Cole Publishing Company, 2004. ISBN 0-534-40023-X

**Class Times:** MWF (times according to class schedule)

**Course Description:** This is an introductory course that meets the Track A general education requirement in mathematics. This course does not meet any prerequisites for any other math course. (3 credit hours). Mathematical content is developed from the basic concepts of numbers and arithmetic to the primary areas of study outlined below. If there are specific areas of student interest these may be explored. The course, its content and grading may be modified at the instructors discretion.

**Objectives:** To improve student skills in reading, interpreting, and communicating mathematics contents; To improve student skills in numeric and symbolic computations, and in problem solving using numeric, analytic and graphic methods; To allow students to develop an understanding of logical thinking, deductive and inductive reasoning. This course will place an emphasis on increasing the student's mathematical skills and knowledge relating to: Problem solving, Financial Management, Probability and Statistics:

**Methodology:** As an online course most of your learning will come from self-study, carefully reading all web board materials, doing the assigned homework, and asking questions. Frequent quizzes will be used to assess and reinforce learning. You are expected to seek clarification on any material that you do not understand.

**Grading:** Quizzes must be taken during the time period provided. If there are well-documented medical or military reasons for missing coursework optional assignments *may* be provided. The student is responsible for initiating this information. Students are responsible for keeping track of their own work, progress and scores.

Class Participation (supplemental)	10%
Quizzes (almost weekly)	40%
Final Exam (proctored)	60%

A = 90 or above, B = 80-89, C = 70-79, D = 60-69, F = 0-59

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**Academic Honesty and Plagiarism:** All material submitted in fulfillment of course requirements must be done by the registered student. Cut and paste research, copying or having someone else do your work, constitutes plagiarism and will result in a grade of zero for the assignment and possible failure for the course.

**Supplies:** Either a three ring binder or loose leaf note system, calculator (with exponential functions is required for the finance portion of the course. Exponential functions are often shown as either  $y^x$ ,  $^x$ , or  $x^y$ ) and are available on calculators in the \$10 price range. Cell phones are not mathematically adequate and are not permitted for quizzes or exams.

**Resources:** The Internet has many wonderful sites for learning more about mathematics – many are mentioned in the text. Newspapers, Magazines, Dictionaries and Encyclopedias can also provide useful material and perspectives for analysis and learning. If you have time and interest I would be happy to provide you with additional reading recommendations.

**Requirements:** You are required to participate by asking questions, discussing topics and assisting other students with their questions. Your contributions and ways of approaching problems will help enrich everyone's learning. Please make sure you ask for help when needed.

**Notes:**