Instructor: Dr. Torrance L.Trevorrow

Office Hours: By appointment on MWF, usually after class.

Email: Mathland@earthlink.net (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 from 10.00am to 10.50am or MWF 1:00pm - 1:50pm (per registration)

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)

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: Lectures, classroom participation, discussions, and multimedia presentations are used as part of the educational structure. Frequent quizzes and student presentations will be used to assess and reinforce learning. Media articles will also be used to relate mathematical concepts to everyday life. You are required to seek clarification on any material that you do not understand.

Grading: Late work is not accepted. If there are well-documented medical reasons for missing class or not submitting coursework optional assignments *may* be provided. You are responsible for keeping track of your own work, progress and scores.

Class Participation	20%
Quizzes	40%
Final Exam	40%

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

Attendance: Because of the importance of class attendance and participation, missing more than 4 classes will result in a one letter grade reduction, missing 6 or more classes will result in failure for the course. Exception *may* be made for well documented medical emergencies. Arriving late will result in additional assignments for class presentation.

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 and trig functions, protractor, pencil, eraser, graph paper (helpful), ruler (translucent).

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.

Requirements: You are required to participate by asking questions, discussing topics and assist other students with their questions. Your contributions and ways of approaching problems will help enrich everyone's learning.