Instructor: Dr. Torrance Trevorrow

Office Hours: As arranged.

Email: All email will be via the web board. If for any reason the server is 'down' then the instructor may be contacted via numeroprime@yahoo.com (make sure MA100 is in the subject line).

Text Book: As selected by Chaminade University: <u>The Nature of Mathematics</u>, Tenth Edition by Karl Smith. Brooks/Cole Publishing Company, 2004. ISBN 0-534-40023-X. This is a very popular and universal text used by major universities. Earlier editions may be used with discernment.

Class Times: According to the schedule.

Course Description: This is an introductory course that meets the Track A general education requirement in mathematics and 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 by the instructor's discretion.

Objectives: To improve student skills in reading, interpreting and communicating mathematics contents using numeric, analytic and graphic methods and to allow students to develop an understanding of both deductive and inductive reasoning. This course will place an emphasis on increasing the student's mathematical skills and knowledge relating to: <u>Problem Solving</u>, <u>Financial Management</u>, <u>Probability</u>, <u>Graphs and Statistics</u>.

Methodology: Most of your learning will come from meticulous study of the text and material presented. Multiple quizzes, discussions, and supplementary articles and presentations will be used to 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: Quizzes are scored for your learning purposes but <u>do not</u> count as part of your final grade. Active participation can improve your composite grade.

Mid-term Exam	20 pts
End-term Exam	20 pts
Final Exam	60 pts

A = 90-100% B = 80-89% C = 70-79% D = 60-69% F = 0-59%

Academic Honesty: 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 and possible failure for the course. You must have valid photo id for the final.

Supplies: Text Book, Notebook, Calculator with exponential function (for the finance portion of the course). *A cell phone is not adequate* for a calculator and is not to be used for exams.

Resources: The Internet has many wonderful sites for learning more about mathematics – many are mentioned in the text. Newspapers, Magazines, Dictionaries, Encyclopedias and your classmates can provide useful material and perspectives for analysis and learning.

Requirements: You are required to participate by studying the text, doing the assigned homework, taking the practice quizzes and exams, asking questions, discussing topics, and assisting other students with their questions. Your contributions and ways of approaching problems will help enrich everyone's learning.