

MA100 - SURVEY OF MATHEMATICS - ONLINE - FALL 2012 - BLITZER/DR.TREVORROW

Semester: 01-09-2012 – 03-21-2012
Class Times: Online (10 Weeks).
Course Text: Thinking Mathematically, 5th edition, Blitzer, Prentice Hall
MML: My MathLab is required for this course (see information below)
Instructor: Dr. Torrance L. Trevorrow
Office Hours: Online (optional live Saturday sessions may be offered)
Email: arithmetic.math@gmail.com (place **MA100 Online** in subject line)

Course Description: MA 100 Survey of Mathematics (3credits) (from the catalog)

Mathematical thought is studied through interactions between the foundations of knowledge and the study of the nature of mathematics. Topics include the basis of sets and logic, numbers and operations, algebra, geometry, measurement, financial management, probability and statistics, graphs and functions. This course fulfills the Track A general education requirement in mathematics. The course is intended as a terminal course and is not a prerequisite for any other course in mathematics.

Primary Topics: Problem Solving, Critical Thinking, Number Theory, Consumer Mathematics, Measurement, Probability Theory, Statistics.

Enrollment: Enrollment will only be accepted up to the end of Week 2 if space is available.

Success: Most universities recommend 8-12 hours per week for study, homework, assignments and research, for a 3 credit course. Allocate time to understand all definitions, concepts and examples. Research shows that learning is more efficient and effective with daily study.

Required Materials: Notebook, Text or online ebook, MML subscription, other materials.

MML: My Math Lab is a very widely used math based instruction and grading system, well integrated with the text offering a wide variety of questions, tutorials, step by step help, and videos. It may be purchased as part of a new text, or separately online. Initial login and instructions will be via eCollege, all other coursework and emails will be done via my math lab. Chaminade's computer fee is for services provided by Chaminade.

Attendance: Each week is the equivalent of 4 regular day classes. You are encouraged to check in daily for any new material, posts, updates etc, and have a personal dedicated "math time" each weekday. Saving math for the weekend is not recommended.

Homework: HW will be assigned and graded via Mathlab. This gives you the opportunity for multiple practice questions, instant help, and to demonstrate competency.

Quizzes: A comprehensive review quiz will be given Week 9.

Late Work: Only work properly submitted by the due date will count as part of the course grade.

Grading: (from the university catalog) Letter grades are given in all courses except those taken on a credit/no credit basis. Grades are calculated from the student's daily work, class participation, quizzes, tests, term papers, reports, and the final examination. They are interpreted as follows:

- A Outstanding scholarship and an unusual degree of intellectual initiative.
- B Superior work done in a consistent and intellectual manner.
- C Average grade indicating a competent grasp of subject matter.
- D Inferior work of the lowest passing grade.
- F Failed to grasp the minimum subject matter; no credit given

Homework	(weeks 1-8)	400 pts
Master Quiz	(comprehensive week 9)	100 pts
Final	(end of week 10, proctored)	500 pts
Essay	(numerical analysis, each week)	100 pts

Final Exam: 2hrs, comprehensive, proctored, end of Week 10. If you are off-island then you should make arrangement through the AEOP office by week 8, for a proctor. A score of 60% or better is required on the final to pass the course.

Course Schedule: In general we will cover 2-3 text sections per week. Each section may require 1-3 hrs for reading and study and additional time for completing the HW. A detailed weekly schedule will be provided in class (subject to change).

Academic Integrity: All material submitted in fulfillment of course requirements must be done by the registered student. Copying, having someone else do your work or sharing exam information, constitutes plagiarism and may result in failure for the course.

Technology: As much as practicable students are encouraged not to use calculators, however they may be helpful in evaluating large exponents or in checking your work. (no calculator will be required for the final exam). As an online course a reliable computer and Internet connection is essential.

ADA Accommodations: Students with special needs that meet the requirements of the Americans with Disabilities Act (ADA) should inform the Chaminade Counseling Center by the end of Week 2 for a determination of possible accommodations. Contact: Dr. Yashuara, 808-735-4845

Assistance: Your instructor usually checks the web board 2-3 times per day, and officially Monday through Thursday. If you need help before the weekend please make your post/request by Thursday. Live sessions may be offered near Pearl Harbor and at Schofield, by arrangement. Tutoring may also be available via Student Services at the main campus.

Notes or Weekly Grade Record: