

CHAMINADE UNIVERSITY - HAWAII

MA 100 Quantitative Reasoning and Mathematical Skills – Pearl Harbor Syllabus

Semester: January 15 to March 20, 2015

Professor: Dr. Trevorrow

Classroom: Pearl Harbor Education Center, Fridays 5:30pm – 9:40pm

Textbook: Thinking Mathematically, 6th edition, Blitzer, Prentice Hall, ISBN 9780321923233

Office Hours: Before or After class, other times by arrangement (optional live Saturday sessions)

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Course Description: (from the CUH catalog) MA 100 Quantitative Reasoning and Mathematical Skills (3) credit hours. A study of various topics including an introduction to sets, logic, number systems, basic skills in algebra and geometry, consumer mathematics, probability and statistics, with an emphasis on problem solving, quantitative and logical thinking. 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. Offered every semester

Main Topics : Problem Solving, Sets, Number Theory, Logic Diagrams, Number History, Algebraic Expressions, Graphing, Percent, Finance, Measurements, Probability Theory, Statistics.

Course Objectives are based on the Chapter/Section Contents from the text and evaluated based on problem solving, definitions, concepts and applications, weekly presentations, quizzes and one project. Course may be modified based on class interests.

Required Materials: Notebook, Text Graph paper, Two line calculator, ruler, other. It is your responsibility to properly learn how to use your calculator. Other materials as discussed.

Late Work: Work is due when indicated or if late may be subject to a grade penalty or not accepted.

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:

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| A Outstanding scholarship and an unusual degree of intellectual initiative. | 90%+ |
| B Superior work done in a consistent and intellectual manner. | 80%+ |
| C Average grade indicating a competent grasp of subject matter. | 70%+ |
| D Inferior work of the lowest passing grade. | 60%+ |
| F Failed to grasp the minimum subject matter; no credit given. | 0-59% |

Submitted work is assigned points then converted to a letter grade corresponding to the criteria above.

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| Attendance | 200 pts | |
| Homework | 600 pts | submitted online via MML |
| Class Participation & Project | 300 pts | |
| Midterm | 400 pts | |
| Final | 600 pts | emphasis since Midterm |

Homework: Will be submitted and graded online using the MML subscription included with text.

Project: May be individual or group. Live presentation and paper submission. Discussed in class

Midterm: Based on all previous material, Week 5

Final: Comprehensive emphasis since Midterm, Week 10

Technology: No technology in class other than dedicated calculator when permitted. Cells phones off and may not be used as a calculator substitute.

Department: No food or drinks except as authorized by base commander. Any behavior which interferes with

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class progress or the education of students may result in grade reduction or failure for the course.

Course Schedule: In general we will cover 2 - 4 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.

Academic Integrity: All material submitted in fulfillment of course requirements must be done by the registered student. Violations may result in failure for the course.

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

Technical Support: For technical questions: contact the Chaminade eCollege helpdesk at: (866) 647-0654 or (808) 735-4855 or helpdesk@chaminade.college.com. eCollege Account Support (808) 739-8327. MML Site Support through the MML site help icon or via their toll free number.

Getting Started:

- (i) Once you have registered for the course, log into eCollege www.chaminade.college.com
- (ii) Select the current MA100 Online Course for Pearl Harbor
- (iii) Read and print the information given, then log into the MML site for this course.
- (iv) **Do not share login information.** Create only 1 MML account and contact Pearson/MML if login difficulties