

CHAMINADE UNIVERSITY - HAWAII

MA 100 Quantitative Reasoning and Mathematical Skills – ONLINE SYLLABUS

Semester: January 11 to March 16, 2015

Professor: Dr. Trevorrow

Classroom: Online using My Math Lab, Initial log in via eCollege

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

MML: MyMathLab – MML (subscription) is required for the online course (see below)

Office Hours: Online (optional live Saturday sessions may be offered)

Email: torrance.trevorrow@adjunct.chaminade.edu or via MML (see below)

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, Logic Diagrams, Number History, Number Theory, 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, and any assignments. Course may be modified based on class interests.

Required Materials: Notebook, Text or online eBook, MML subscription, other materials as discussed.

Text & MML Options: Select which works best for you: New text with MML subscription, used text and MML subscription, or just an MML subscription. All MML subscriptions include the online ebook. Some students prefer a paper copy and others are comfortable reading online. It may also be possible to print sections of the text from the online edition. All classwork is done online through MML.

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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| Weekly Homework | 400 pts | (Computer Questions Weeks 1–9) |
| Midterm | 300 pts | (Week 5) |
| Final | 300 pts | (Week 10 Emphasis since Midterm) |
| Special Project | 100 pts | (Discussed Online – Presentation) |

Final and Midterm must be taken when scheduled, at one sitting, time limited, one attempt only. Excuses are not accepted so make sure you schedule accordingly and have a reliable computer and solid Internet connection. Grading will be based on what was properly submitted and saved during the date/times specified.

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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 and posts . A detailed weekly schedule will be provided.

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.

Technology: A reliable computer and Internet connection is required. All work will be graded as submitted. Resets and date changes will not be made unless Pearson confirms it is a system problem their end. It is your responsibility to properly learn how to use your computer, the web site, and calculator.

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 professor usually checks the web board 2 - 3 times per day (24/7), and officially Monday through Friday. Weekend posts will be answered on Monday. Please make your post/request by Thursday to avoid getting "stuck" on the weekend. Live sessions may be offered near Pearl Harbor by arrangement. Tutoring may also be available via Student Services at the main campus as well as online through MML.

Technical Support: For technical questions: contact the Chaminade eCollege helpdesk at: (866) 647-0654 or (808) 735-4855 or helpdesk@chaminade.ecollege.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.ecollege.com
 - (ii) Select the current MA100 Online Course
 - (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.
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