

# CHAMINADE UNIVERSITY – HAWAII

## **MA 100-90-03 Quantitative Reasoning and Mathematical Skills – Online**

Semester: July 06 to September 12, 2015

**Professor:** Dr. Trevorrow

**Classroom:** Online using My Math Lab

**Textbook:** Thinking Mathematically, 6th edition, Blitzer, Prentice Hall, ISBN 9780321923233 various (see options below)

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

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### **WELCOME**

Welcome to MA 100! I look forward to a productive and meaningful semester. The course covers a wide variety of mathematical topics with both theoretical and practical applications. Your professor has been teaching for over 20 years and hopes you will increase your understanding of fundamental mathematics, and reasoning with quantitative issues. If you have any questions or concerns please let me know.

**Course Description:** This is a 3 credit course and not a prerequisite for any other course. We will be exploring several aspects of mathematics including: Problem Solving, Number Theory, Algebra, Graphing, Finance, Measurements, Probability, and Statistics. Specific learning objectives are given at the beginning of each section. Your learning will be evaluated using quizzes and a final exam. This course may be modified according to class interests and abilities.

**Main Topics :** Problem Solving, Inductive/Deductive Reasoning, Scientific Method, Sets, Number Theory, Algebraic Expressions, Graphing, Consumer Finance, Measurements, Dimensional Analysis, Probability, Statistics.

**Required Materials:** MyMathLab [MML] subscription. MML may be purchased from the CUH Bookstore, Amazon etc, or online as you register for the site. MML is the online resource and platform that includes a Multimedia Library including video instruction, Sample Tests, Quizzes, Homework Questions, Step by Step Solutions etc. A paper text is optional since the MML access code included the online version of the text. Many new texts include the access code, some used and rental texts may have this option available as well.

**Classwork:** All classwork is done online through MML, late work is not accepted.

**Assistance:** The web board is regularly checked. Any weekend emails are answered on Monday. Online help is also available – videos, step-by-step solutions.

**Grading:** Total points will be converted to a percent then letter grade.  $A \geq 90\%$ ,  $B \geq 80\%$ ,  $C \geq 70\%$ ,  $D \geq 60\%$ ,  $F < 60\%$ . You must pass each section below at the 50% level to be eligible to pass the course (excluding the study plan).

Weekly Homework	20%	(Weeks 1–9)
Weekly Quizzes	30%	(Weeks 3, 5, 7, 9)
Discussion Posts	10%	(Weeks 1-10)
Final	40%	(Week 10 comprehensive)
Study Plan	0-10%	Bonus Points

**Homework** is done online, not time limited other than the due date. Consists of multiple choice and fill in the blank questions as well as some graphing of data points etc.

**Quizzes** are similar to homework but time limited and must be done at one sitting.

**Discussion Posts:** Participation with the class in discussing a question or topic (provided) relating to the current weeks coursework.

**Final** 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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**Study Plan:** Optional questions that can be answered based on areas of difficulty from the HW and Quiz. Online help and practice is available.

**Course Schedule:** In general we will cover one Chapter, 2 - 4 text sections per week. Allow 4-12 hours for completing the reading, study, assigned questions etc. Time required will vary based on previous experience and abilities. A Weekly online 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.

**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 helpdesk at: (808) 735-4855 or [helpdesk@chaminade.com](mailto:helpdesk@chaminade.com). MML Site Support through the MML site help icon or via their toll free number.

### **Getting Started:**

- (i) Once you have registered with CUH for the course, go to [www.mymathlab.com](http://www.mymathlab.com) to enroll in MML
- (ii) Use the access code included with a new text, purchased separately, or during login.
- (iii) Course ID: **trevorrow96342 (course material will appear on start date)**
- (iv) **Do not share login information.** Create only 1 MML account and contact Pearson/MML if login difficulties or problems.