

# MA100 Quantitative Reasoning and Mathematical Skills (Pearl Harbor)

## Syllabus: MA-100-60-02 April-June 2016

**Instructor:** T. Trevorrow, Adjunct Professor Mathematics.

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**Class Information:** This course meets at the Pearl Harbor Education Center, Fridays from 5:30pm -9:40 pm (04/04/16-06/11/16) 10 Weeks with an optional extension.

**Required Text:** Thinking Mathematically, 6<sup>th</sup> edition, Blitzer, Pearson, ISBN 9780321914880. This is the loose leaf edition of the text. (MML is not used).

**Course Description:** (from the catalog) MA 100 Quantitative Reasoning and Mathematical Skills (3) 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.

**Learning Outcomes:** The student will have had the opportunity to review and practice some fundamental concepts of mathematical thinking, commonly used nomenclature and format, with a variety of topics as described.

**Grading Scale:** A  $\geq$  90% B  $\geq$  80% C  $\geq$  70% D  $\geq$  60% F < 60%

### Assignments and Grading:

<u>Assignment</u>	<u>Percent of Total Grade</u>	<u>Due</u>
Quizzes	40%	Weeks 1,2,3,4,6,7,8,9
Midterm	30%	Week 5
Final Exam	30%	Week 10
Attendance	0-4%	Weeks 1-10

**Quizzes:** Emphasis on homework, but will include questions from class material and assignments.

**Midterm and Final Exam:** Exams must be taken when scheduled and are usually 2hrs.

**Supplies:** A calculator with a 2 line (or more) display is required, 3 ring notebook – loose leaf paper (required for submitted work), text (can not be shared or loaned for graded work), ruler with cm and inches, pencil, pen, eraser, some graph paper. Other material as discussed (dice, tape measure, balloons, poker chips, skittles etc).

**Coursework:** Submitted work should follow standard math format, show working where applicable, with last name, first name at the top right of page followed by date due. Any coursework related issues should be made within one week of the due date – submit inquiry in writing with attached work.

**Attendance:** A sign in/out sheet will be provided. Failure to sign in or out will be marked as absent. This is important for both safety reasons as well as to document your participation. Significant material and perspectives can be missed by arriving late or leaving early as well as being disruptive to the class. Perfect attendance will add 4% to your total score, while missing more than a week of classes may result in a grade reduction.

**Returned work:** If absent make arrangements for a classmate to pickup your work and any handouts. Any uncollected work will be recycled at end of class.

**Electronic Devices:** Use of cell phones and other technology is prohibited during all Natural Science and Mathematics classes unless exempted by the professor. Students who can not comply will be asked to leave and marked absent. Please refer any questions to the Dean of Natural Sciences and Mathematics.

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**Learning Environment:** Students are required to conduct themselves in a manner that is conducive to both the teaching requirements and learning of their fellow students. At Chaminade these standards are outlined to reflect the values of the institution and to honor and respect students as responsible adults. To avoid distracting other students and to make for a more optimum learning environment please keep the desk clear of all materials except for your text, notebook and required supplies. If you need to text or phone during breaks please take this outside the classroom. Refer to the student handbook for additional information.

**Academic Honesty:** Students are expected to have read and abide by the “Student Rules of Conduct” which is contained in your copy of Chaminade University Student Handbook. Cheating in the form of plagiarism, collusion, deception will not be tolerated and will negatively affect your grade.

**Policy on Make Up Exams/Quizzes:** There are no make up exams or quizzes.

**Policy on Email:** All official communication to and from the student will be via the student's Chaminade email address. Ensure MA100 PH is in the subject line, and a summary of the subject. It is the responsibility of the student to check their email frequently. Report any CUH email problems to the **HelpDesk at 808-735-4855**.

**Additional Information:** See your student handbook for further details. If you feel there are any forms of sexual misconduct or abuse (Title IX) or you need accommodation under the Americans with Disability Act (ADA) please contact the Chaminade Counseling Center 808-735-4845.

**Modifications:** Your professor may modify elements of this syllabus and course procedures to facilitate the operational needs of the class.

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