

## MA100 Quantitative Reasoning and Mathematical Skills (Pearl Harbor)

Syllabus: MA-100-60-2

Dates: 10-03-16 to 12-14-16

Instructor: T. Trevorrow, Adjunct Professor Mathematics.

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Class Information: This course meets at the Pearl Harbor Education Center, Thursdays 5:30pm - 9:40 pm.

Required Text: Thinking Mathematically, 6th Ed., 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 that may include 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 and learn commonly used nomenclature and format. A variety of topics are incorporated and may include contemporary media articles for evaluation.

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

Assignments and Grading:

Assignment	Percent of Total Grade	Due
Weekly Quizzes	90 %	Weekly
Research and Presentation	10 %	As Designated
Attendance	0-4 %	Weeks 1-10

Quizzes: Emphasis on homework, but will include questions from class material and assignments and may include prior class material and assigned reading. Quiz week 10 will be comprehensive.

Research and Presentation: Various research topics of interest will be assigned and will involve a typed paper and class presentation. Details provided in class.

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. Cell phone can not be substituted for a calculator.

Coursework: Submitted work (quizzes, essays) should follow standard math format, show working where applicable, with last name, first name at the top right of page with due date directly beneath.

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.

Learning Environment: Students are required to conduct themselves in a manner that is conducive to both the instructional and learning requirements of their fellow students. At Chaminade the standards reflect the values of the institution, and to honor and respect students as responsible adults. To avoid unnecessary distractions please keep the desk clear of all materials except for your text, notebook and required supplies. Follow the base commanders instructions regarding food and drink. If you need to text or phone during breaks please do 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 quizzes or work.

Policy on Email: All official communication to and from the student will be via the student's Chaminade email address. Enter 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 Help Desk at 808-735-4855.

Title IX, ADA: If you feel there are any forms of sexual misconduct or abuse (Title IX) or need accommodation under the Americans with Disability Act (ADA), contact the Chaminade Counseling Center (808) 735-4845. Additional information is also provided in the Student Handbook.

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

Additional Suggestions: Find a study partner, do the homework early in the week, make arrangements with your friend to go over any missed or challenging work.

Important Dates: (subject to change)

Fall 2016 Term: October 3 - December 14, 2016  
August 29, 2016 (Monday): Registration Begins  
October 3, 2016 (Monday): Term Begins  
October 10, 2016 (Monday): Holiday: Discoverers' Day (no class, offices closed)  
October 11, 2016 (Tuesday): Registration Ends  
October 11, 2016 (Tuesday): Add/Drop Period Ends  
October 19, 2016 (Wednesday): Withdrawal Without Record Ends  
November 11, 2016 (Friday): Veterans' Day (no class, offices closed)  
November 21, 2016 (Monday): Withdrawal With Record Ends  
November 24, 2016 (Thursday): Thanksgiving Day (no class, offices closed)  
December 14, 2016 Wednesday): Term Ends

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Write in Two Classmates Contact Information:

Name:

Name:

Phone:

Phone:

Email:

Email: