

MA100 Quantitative Reasoning and Mathematical Skills (Schofield Barracks)

Syllabus: MA-100-10-2

Start Date: April 10, 2017 for 10 Weeks.

Instructor: T.Trevorrow, Adjunct Professor Mathematics.

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Office Hours: By arrangement, usually before class at the PX Food Court, or after class. Saturday individual or group study sessions are also available at a mutually convenient location. Many students enjoy the Saturday option and use this to do their homework.

Class Information: This course meets at the Schofield Barracks Education Center, Mondays 5:30pm - 9:40 pm. Location: First floor, above library. See posting for room.

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 utilized emphasizing finance, probability and statistics. Media articles may be used for in class analysis.

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

Grading: Weekly Quizzes 10% each (x8), Presentation and Paper 10% (x1), Collected Classwork Total 10%

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

Supplies: A calculator with a 2 line (or more) display is required, Notebook and 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.

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 donated for recycling.

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 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 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 Work: Work is due as assigned, late work regardless of reason is not graded.

Policy on Email: All official communication to and from the student will be via the student's Chaminade email address. Ensure MA100 Schofield 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), please 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 and research **early in the week**, make arrangements with your friend to go over any missed or challenging work.

Important Dates: (subject to change)

Spring 2017 Term: April 10 - June 19, 2017

March 6, 2017 (Monday): Registration Begins

April 10, 2017 (Monday): Term Begins

April 17, 2017 (Monday): Registration Ends

April 17, 2017 (Monday): Add/Drop Period Ends

April 26, 2017 (Wednesday): Withdrawal Without Record Ends

May 29, 2017 (Monday): Memorial Day (no class, offices closed)

May 30, 2017 (Tuesday): Withdrawal With Record Ends

June 19, 2017 (Monday): Term Ends

Class Contacts: