

MA100 Quantitative Reasoning and Mathematical Skills (Pearl Harbor)

Syllabus: MA-100-60-2

Start Date: January 9th 2018 for 10 Weeks.

Instructor: T.Trevorrow, Adjunct Professor Mathematics.

Email: torrance.trevorrow@chaminade.edu

Office Hours: Usually before class by arrangement, 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 Pearl Harbor Education Center, Tuesdays 5:30pm - 9:40 pm. See posting for room.

Required Text: Thinking Mathematically, 6th Ed., Blitzer, Pearson, ISBN 9780321914880. This is the loose leaf edition of the text. Any 6th Ed (except teachers) may be used. (MML is not used). Text may not be shared, nor electronic editions used for in class tests or quizzes.

Course Description: This is a three credit entry level college math course studying various aspects of mathematics including: Problem Solving, Number Theory, Algebra, Graphing, Finance, Geometry, Probability, and Statistics. This course fulfills the Track A general education requirement in mathematics. The course is intended as a terminal liberal arts 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), Collected Classwork Total 10%, Final Exam 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 recommended, 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, protractor. 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.

Location Rules: Every location has their own specifications regarding food and drink. Please follow the base commanders directions for the given site.

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 is not graded and is usually due before class starts. If you wish to do a compensatory project it will be due the week after missed class and graded at the 50% level and you must make arrangements with the professor within 48 hours of missed class. Limit 1.

Policy on Communication: During the first week send an email to your professor using your CUH account. Place MA100 PHJM18 in the subject line. Your professor will use this contact to send you updated class information and handouts. It is the responsibility of the student to check their CUH 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, ask for help when needed.

Important Dates: (subject to change)

Winter 2018 Term: January 8 – March 20, 2018
January 8, 2018: Term Begins
January 15, 2018: Holiday: Martin Luther King, Jr. Day (no class, offices closed)
January 16, 2018: Registration Ends
January 16, 2018: Add/Drop Period Ends
January 24, 2018: Withdrawal Without Record Ends
February 19, 2018: Holiday: Presidents’ Day (no class, offices closed)
February 26, 2018: Withdrawal With Record Ends
March 20, 2018: Term Ends

=====

Class Contacts: