

MA100 Quantitative Reasoning and Mathematical Skills
(Tripler)

Syllabus: MA-100-30-2

Start Date: Oct 02, 2018 for 10 Weeks.

Instructor: Dr. 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

Class Information: This class meets at the Tripler Education Center, Tuesdays 5:30pm – 9:40 pm. See posting for room.

Required Text: Thinking Mathematically, 7th edition, Blitzer, Pearson, ISBN 9780135167458 This is a loose-leaf edition of the text (we will not be using MML).

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, Statistics and Graphs. This course fulfills the Track A general education requirement in mathematics and is intended as a terminal liberal arts course which 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 commonly used nomenclature with a variety of topics as described above. Proficiency is evaluated from online weekly submission of homework, quizzes, in-class quizzes and presentations.

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

Grading: Weekly Homework 40%, Weekly Quizzes 40%, Media Analysis 10%, Project 10%

Supplies: A calculator with a 2 line 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: Specifications and grading criteria presented in class.

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.

Returned work: If absent make arrangements for a classmate to pickup your work and any handouts. 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 Refer to the student handbook for additional information.

Food and Drink: Every location has their own specifications regarding food and drink. Please follow the base commanders current directives.

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. If you wish to do a compensatory project it will be due the week after missed class and graded at the 60% level. You must make arrangements with the professor within 48 hours of missed class. Limit 1.

Policy on Communication: All official communication to and from the student will be via the student's Chaminade email address or via MML. Ensure MA100 TRIP is in the subject line, and a summary of the subject to avoid being treated as spam. It is the responsibility of the student to check their CUH email frequently for class updates and any special handouts. 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.