



MA 100 Quantitative Reasoning and Mathematical Skills

Course ID: 100-60-02

Duration: 10 Weeks (04/06 /15 – 06/13/15)

Professor: Dr. Trevorrow

Classroom: Pearl Harbor Education Center – Room 21. 5:30pm – 9:40pm

Textbook: Thinking Mathematically, 6th edition, Blitzer, Pearson, ISBN (various), MML not used.

Office Hours: After class, other times by arrangement. **Email:** torrance.trevorrow@adjunct.chaminade.edu

WELCOME

Welcome to MA 100! I look forward to a productive and meaningful semester. The course covers a wide variety of mathematical topics with both theoretical and practical applications. Your professor has been teaching for over 20 years and hopes you will increase your understanding of fundamental mathematics, and reasoning with quantitative issues. If you have any questions or concerns please let me know.

Description and Objectives: This is a 3 credit course and not a prerequisite for any other course. We will be exploring several aspects of mathematics including: Problem Solving, Number Theory, Algebra, Graphing, Finance, Measurements, Probability, and Statistics. “What am I supposed to learn?” at the beginning of each section delineate the related objectives. Your learning will be evaluated using quizzes and a final exam. This course may be modified according to class interests and abilities.

Text Information: A paper text is required for in class work and quizzes. MML (My Math Lab) is not required. Depending on your preference you may wish to rent or purchase used book. If your MML is unused, then the text buyback should be higher.

Supplies: Notebook or 3 ring Binder (preferred), Text, Graph paper, Calculator (2 line display recommended), Ruler with standard/metric units. Other materials as discussed.

Email: Make sure you have access to your CUH email account for important class or university information. If you need assistance contact the Help Desk: (808) 735-4855 or helpdesk@chaminade.edu

Grading: Letter grades are: A Outstanding scholarship and an unusual degree of intellectual initiative, B Superior work done in a consistent and intellectual manner, C Average grade indicating a competent grasp of subject matter, D Inferior work of the lowest passing grade, F Failed to grasp the minimum subject matter; no credit given. A normal distribution (bell curve) is used to determine relative class standing and letter grade. Several examples will be given in class.

Quizzes 400 pts Weeks 3, 5, 7, 9

Final 600 pts Week 10

Participation ±100 pts

Homework: Homework will be given at the end of each class based on the material covered. Solutions should be organized, properly written out showing main working, box final answer. Test your learning by completing the questions and keep your work for review.

Participation: Is based on thoughtful questions, insights, teamwork for group activities, and critical analysis for media articles.



Quizzes: Quizzes are based on homework and class material for the previous two weeks. Layout your working according to mathematical standards. For grade inquiries write a note, attach to quiz and return to your professor after class.

Final Exam: Comprehensive given during class on Week 10 and must be taken when scheduled. The final may be multiple choice, or written, depending on class performance throughout the semester. Any course grade concerns must be addressed within two weeks from the end of week 10.

Attendance: Attending class is vital to your success. Partial attendance can result in missing key concepts and make progress more difficult. Be ready to start on time. Arriving late and leaving early can also be disruptive to those learning. If you missed class obtain any information on what was covered, handouts etc from a classmate.

Missing any two weeks will result in possible withdrawal by professor or grade reduction. Arriving late or leaving early may result in $\frac{1}{4}$ to $\frac{1}{2}$ grade reduction. A sign in/out sheet will be provided. Failure to accurately sign in or out will be considered absence for that class.

Late Work: Any assigned work is due when indicated, usually before class starts. Late work is not accepted.

Technology: No technology in class other than a dedicated calculator when permitted. Cells phones off, and may not be used as a calculator substitute. All technology, texts etc must be kept flat on the desk, so any work is immediately visible. If you are on call or need to be available for other reasons see your professor before class.

Conduct: Chaminade's standards for student conduct shall apply. Be considerate of others. Even quiet conversation can be disruptive.. If you have math questions, raise your hand, ask your professor, not your neighbor. Non-math questions can be asked during break or after class. Any disruptive behavior may result in alien abduction, grade reduction, or dismissal from class.

Weekly: In general we will cover 3 text sections per week. Each section may require 1-3 hrs for reading, study, and additional time for completing HW. A detailed schedule will be provided in class.

Academic Integrity: All material submitted in fulfillment of course requirements must be done by the registered student. Violations may result in failure for the course or grade reduction. Avoid wandering eyes or diagonal viewing during quizzes or exams.

ADA Accommodations: Students with special needs that meet the requirements of the Americans with Disabilities Act (ADA) should inform the Chaminade Counseling Center by the end of Week 2 for a determination of possible accommodations. Contact: Dr. Yashuara, 808-735-4845