



MA100 QUANTITATIVE REASONING AND MATHEMATICAL SKILLS (ONLINE)

MA 100-90/60-2

Instructor: Dr. Torrance Trevorrow, Adjunct Professor Mathematics. torrance.trevorrow@chaminade.edu

Dates: January 11, 2021 to March 20, 2021.

Online Site: My Math Lab (MML) is the only site used for this course and coordinates with the text. Users of Canvas will find MML to be the math equivalent and far better suited to working with numbers, graphs, and mathematical concepts while coordinating directly with the text. Check in with CANVAS first and follow the directions for this class.

Office Hours: Online using MML and via email to your professor through the MML link "Ask your Professor". Supplemental assistance may also be available online through Chaminade Student Services or in person (Kailua area) or chat through MML.

Course Registration: Must be completed with Chaminade University, and MML by the end of Week 2. Each week of fully missed work reduces your grade by 10%.

Text: Developmental Mathematics, College Mathematics and an Introduction to College Algebra. Bittinger / Beecher, 9e. Pearson, ISBN 9780134115863 (loose leaf edition with MML access) or ISBN 9780321431301 (MML subscription only) Both include an online PDF text. A valid access code to MML is sufficient if you are comfortable reading your text online. A popular option is to rent the text and obtain an online access key from Pearson directly. Purchasing or renting a *used* text will most likely not have a valid access key for the course.

Course Description: This is a three credit, entry level college math course studying various aspects of mathematics. Fundamentals are emphasized with excursions into Finance, Statistics, Graphs, Geometry, Algebra, and Linear Equation Solving, This course fulfills the Track A general education requirement in mathematics and is intended as a terminal liberal arts course (not a prerequisite for any other course in mathematics). Offered every semester but may be canceled by administration if insufficient enrollment.

Learning Outcomes: The student will have the opportunity to review and practice some fundamental concepts of mathematical thinking, practice and review essential arithmetical skills, and apply commonly used math nomenclature using a variety of topics described above and use these skills to assist in evaluating consumer, environmental and global issues. Proficiency is evaluated from online weekly submissions. Weekly discussion posts will be used to facilitate mathematical analysis of consumer, environmental and global issues..

Marianist Integration: This course embodies the Marianist characteristic of providing an integral, quality education. Quantitative reasoning and mathematical skills are some of the many ways you will learn to interpret the world throughout your liberal arts education at Chaminade University. In this course, we will explore finance, statistics, graphs, geometry, algebra, and linear equation solving in order to provide you with a solid foundation in interpreting and understanding numerical information. These skills will help you make sense of numerical data in future classes, and in your life beyond the university.

Getting Started: After you have properly registered for the course with CUH, then access CANVAS to receive MML course login instructions.

Math Online: MML was selected because it can provide a variety of directly related exercises and extensive instant support [multimedia, step by step, text links etc] as you need it. Work assigned for the week is due by the end of the week or as indicated. Week 10 is a comprehensive quiz (aka Final Exam) and any "late work" for credit, must be completed *before* the final.

Login: It is a university and course *requirement* that you use your Chaminade University email address for your MML login and registration. Using a non-cuh address for login may be deleted including any related work. If you do not know your CUH email address contact the help desk - helpdesk@chaminade.edu (808) 735-4855.

Late Registration: You may register with MML up-to the end of Week 2.

Technical Support: For MML help go to: <https://247pearsoned.custhelp.com>. Phone Support: (800) 677-6337. Course access, MML registration and site issues are handled by MML. Report any CUH email problems to the Help Desk at (808) 735-4855.

Technology Requirements: A reliable internet connection and computer. Start early in the week for optimum time management and to avoid any last minute technical situations. Ipads, tablets, cell phones will not work with this course.

Course Requirements: Students are encouraged to access MML three times per week to keep current on announcements and class updates. Allow adequate time to complete weekly assignments and contribute to the weekly discussion, Ask for help as needed. Many universities recommend allowing 3-4hrs per course credit for study and completion of work.

Usually we will complete one chapter each week (chapters 1-9) and the first two sections of chapter 10. The final test will be comprehensive at the end of week 10. A weekly course schedule will be provided on the MML site. After logging into MML a common procedure is to read the announcements, read the chapter for that week, then do the scheduled assignments and weekly discussion. Most assignments involve answering multiple choice questions.

Grading Assessment: Work must be submitted by the given due date. Weekly submitted work is worth 90% of your total grade. Corresponding Letter grade: A \geq 90% B \geq 80% C \geq 70% D \geq 60% F < 60%.

Weekly Homework	30%
Weekly Quiz	30%
Weekly Test	30% (includes Final - weighted 2x weekly test)
Weekly Discussion	10%

Academic Honesty: Students are expected to have read and abide by the "Student Rules of Conduct" which is contained in the Chaminade University Student Handbook. Violations in the form of plagiarism, collusion, deception or obfuscation will not be tolerated and will negatively affect your grade and may have other consequences.

Missed Work: There are no make-up tests. Late submissions if available will receive a percentage penalty as indicated on that assignment. When possible it is best to start early and avoid course impingement from unforeseen circumstances.

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 Online is in the subject descriptor, and a summary of the subject for the fastest response. It is recommended to check your email and the course site daily 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 at the beginning of class. See your student handbook for further details.

Time Management: Many students have found that starting early in the week produces a more satisfying learning experience with better grades. Weekend cramming is a very high risk scenario. Additional study suggestions are included with your text and also online.

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

University Deadlines: Check Chaminade University's main site for the latest information. This will also be available on MML (accurate at the time of download)