

## MA100 Quantitative Reasoning and Mathematical Skills (Schofield Army)

**Syllabus:** MA-100-10-2

**Start Date:** April 9th 2018 for 10 Weeks.

**Instructor:** T.Trevorrow, Adjunct Professor Mathematics.

**Email:** [torrance.trevorrow@chaminade.edu](mailto: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 Schofield Army Education Center, Mondays 5:30pm - 9:40 pm. See posting for room.

**Required Text:** Thinking Mathematically, 7th edition, Blitzer, Pearson, ISBN 9780135167458 or 9780134705095. The former is a loose leaf edition of the text with MML access, the latter is an MML subscription only - both include an online PDF text. A valid access code to MML is sufficient if you are comfortable reading text using a kindle or other pdf reader.

**Course Description:** This is a three credit entry level college math course studying various aspects of mathematics including: Problem Solving, Sets, Logic, 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 commonly used nomenclature with a variety of topics as described above. Proficiency is evaluated from online weekly submission of homework, quizzes, and in class quizzes and presentations.

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

**Grading:** Weekly Online Homework 25%, Weekly Online Quizzes 25%, In Class Quizzes and Research 40%, Project 10%

**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.

**Getting Started:** At the first class meeting you will be provided with login information. If you miss the first class email your professor using your CUH email with MA100 Schofield AJ 2018 and you will be sent course site and login information (allow 24hrs).

**Math Online:** Homework is submitted and graded online. A weekly quiz is also to be completed online. The online portion will give you additional practice and learning opportunities. MML provides instant help via videos, step by step problem solutions, power point, practice questions, and direct links to corresponding text sections. You may also directly email your professor (via MML) and get additional help. A study plan section records your areas of difficulty for additional practice and credit.

**To access the MML site** you will need your access key to continue which is included with your text. To avoid being “locked out” of MML and loosing credit for submitted work, make sure you are properly registered with MML by

the end of the second week.

**Login:** You **must** use your Chaminade University email address for your MML login. Non CUH address login will 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

**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. 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,. If you wish to do a compensatory project it will be due the week after missed class and graded at the 60% level and 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 Schofield AJ 2018 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.

**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)**

**Spring 2018 Term: April 9 – June 18, 2018**

March 5, 2018: Registration Begins  
April 9, 2018: Term Begins  
April 16, 2018: Registration Ends  
April 16, 2018: Add/Drop Period Ends  
April 25, 2018: Withdrawal Without Record Ends  
May 28, 2018: Holiday: Memorial Day (no class, offices closed)  
May 29, 2018: Withdrawal With Record Ends  
June 18, 2018: Term Ends

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**Class Contacts:**