MAT 205 - Finite Mathematics
Course Guidelines
Course Credit: 3 semester hours
math.mc.edu/cmcmath

INSTRUCTOR: *Charlotte McMath* ***OFFICE:*** *MCC 311*

PHONE: *601 - 925 - 3465* ***E-MAIL:*** *cmcmath@mc.edu*

OFFICE HOURS: *MWF 10:00 – 11:00*
TR 9:30 – 11:00; 2:45 – 3:30
(Additional hours are available by appointment.)

COURSE DESCRIPTION: *This course is a study of mathematics for business, management and economics. Topics include algebra, functions and graphs, exponential and logarithmic functions, mathematics of finance, systems of equations and matrices.*

RATIONALE: *Quantitative techniques have become widely used in recent years for business analysis and as an aid in business decision-making processes. This course will provide students with the study of certain mathematical concepts and emphasizes their application to business and finance. It is a required course for some majors and a good elective for others.*

PREREQUISITES: *Mat 101 (College Algebra) or two years of high school algebra*

LEARNING OBJECTIVES: *Students will review and apply algebraic techniques, apply and differentiate financial formulas, and apply basic matrix operations. In achieving these objectives, students are expected to:*
1) Be respectful of others by arriving to class on time, placing your cell phone on silent and keeping it in your book bag.
2) Attend every class meeting unless an emergency or school-related activity prevents it.
3) Do homework daily.
4) Read textbook before and after professor covers material.
5) Attend every class meeting to pay attention and learn.

INSTRUCTIONAL PROCEDURES/TECHNIQUES: *Instructional procedures include lecture, problem solving, and class discussion.*

COURSE CONTENT: *Unit 1: Chapter 2 (Algebra)*
Unit 2: Sections 5.1 - 5.6 (Systems of Equations)
Unit 3: Sections 6.1 – 6.4 (Linear Programming)
Unit 4: Sections 4.1 – 4.3 (Finance)

MATERIALS REQUIRED:

Text: *Applied Mathematics for the Managerial, Life, and Social Sciences (Tan – 6th edition)*

Online homework access code: This comes packaged with a new text, but can be purchase separately in the bookstore or online if you purchased a used text.

Additional Materials: Access to computer, calculator

INTERMEDIATE - POST ASSESSMENT: *Your grade in this course will be determined by unit tests, unannounced daily tests, and a comprehensive final exam. A notebook should also be kept.*

Unit tests: There will be three unit tests given during the semester. Each will count 20% of the final grade. The dates of these exams will be announced during class as the semester goes along. ***Make-up tests will be given only upon the receipt of a doctor's excuse or in an extreme emergency, which should be made known to the instructor prior to the test!!!!!***

Unannounced daily quizzes: Unannounced daily quizzes will constitute 10% of the final grade. ***(No make-up for these!)***

Online assignments: Online homework assignments will constitute 10% of the final grade. To set up your online homework account, go to: www.webassign.net. The first time you will need to click on "I have a Class Key". The class key for this section is **mc 7772 3452**. Later you will enter your access code (see purchasing options above). For more detailed instructions, see the "Student Quick Start Guide" in moodle.

Final Examination: There will be a comprehensive final examination (20% of the final grade) given on Friday, Dec 13 @ 8:00 a.m.

Grading Scale:	A	90% - 100%
	B	80% - 89%
	C	70% - 79%
	D	60% - 69%
	F	0% - 59%

ATTENDANCE, MAKE - UP TESTS*:** *Any student whose absences, whether excused or unexcused, accumulate to 12 automatically receives a grade of F in the course. Three tardies count as one absence. If you are late arriving to class, it is your responsibility to make sure you report this to the instructor immediately after class.* ***Students are expected to take tests on the day they are assigned!

Make-up tests will be given only upon the receipt of a doctor's excuse or in an extreme emergency, which should be made known to the instructor prior to the test!!!!! The responsibility for missed work rests entirely with the student.

ACADEMIC INTEGRITY :*Students are expected to do their own work. Refer to the following web site: www.mc.edu/publications/policies/219.html.*

DROP DATE FOR FALL SEMESTER: *Friday, October 25, 2013*

MATHEMATICS TUTORING CENTER (MCC 116): *M – R: 12:00 – 6:00*

Student Counseling Services & Disabilities: In order for a student to receive disability accommodations under Section 504 of the Americans with Disabilities Act, he or she must schedule an individual meeting with the Director of Student Counseling Services **immediately**

upon recognition of their disability (if their disability is known they must come in before the semester begins or make an appointment **immediately** upon receipt of their syllabi for the new semester). The student must bring with them written documentation from a medical physician and/or licensed clinician that verifies their disability. If the student has received prior accommodations, they must bring written documentation of those accommodations (example Individualized Education Plan from the school system). Documentation must be current (**within 3 years).** The student must meet with SCS **face-to face** and also attend two (2) additional follow up meetings (one mid semester before or after midterm examinations and the last one at the end of the semester). Please note that the student may also schedule additional meetings as needed for support through SCS as they work with their professor throughout the semester. Note: Students must come in **each semester** to complete their Individualized Accommodation Plan (example: MC student completes fall semester IAP plan and even if student is a continuing student for the spring semester they must come in again to complete their spring semester IAP plan).

Student Counseling Services is located in Alumni Hall Room #400 or they may be contacted via email at mbryant@mc.edu. You may also reach them by phone at **601-925-7790.**