Math 105 - Finite Mathematics
Course Syllabus
January Term 2016

Instructor	:	Dr. Edward Burkard
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Office	:	Copley 234
Office Hours	:	drop in and by appointment
Course Webpage	:	http://faculty.rmc.edu/edwardburkard/?page=Teaching/105J17
Class Time	:	MTWRF 11:10-13:10
Class Location	:	Fox Hall 209

1. Catalog Course Description

The course provides an introduction to several areas of finite mathematics which have numerous applications, particularly in the social sciences. Topics will include mathematics of finance, discrete probability, linear programming, matrices, and linear systems.

2. Textbook

The required textbook for this class is *Finite Mathematics for Business, Economics, Life Sciences, and Social Sciences*, 13th Edition, by Barnett, Ziegler, and Byleen. The main course topics will cover chapters 3, 4, and 5 and we will use parts of chapter 1 and 2 for review.

3. Calculator

You are required to have a calculator in this class; it should at least be a scientific calculator. You should bring your calculator to class every day. You may use a calculator app on your phone during class, but you may not use it on quizzes and exams. For quizzes and exams, you will need to use an actual calculator. Any calculator you use on a quiz or exam should be allowable on the SAT: https://collegereadiness.collegeboard.org/sat/taking-the-test/calculator-policy

4. Grade

Your grade will be determined as follows:

Item	Quizzes	Midterms	Final
Percentage	30%	40%	30%

Your grade will be determined by the percentage of the total points you've obtained. The grade scale will be no stricter than

Letter	A	B	C	D	F
Cutoff	92%	82%	72%	57%	0%

with +'s and −'s to be used as needed for the final grade only. That is, getting at least 92% will guarantee an A, getting at least 82% will guarantee a B, getting at least 72% will guarantee a C, and getting at least 57% will guarantee a D.

4.1. **Quizzes.** Every day which is not an exam day there will be a quiz, with the exception of the first day and days after an exam. Quizzes will be given at the beginning of class and will be 10 minutes long. Quizzes will consist of one or two problems pertaining to the previous day's lecture and the problems will be chosen from the assigned homework for that day. A missed quiz can only be made up with an excused absence.

Quizzes are worth 30% of your overall grade. There will be 13 quizzes and your lowest quiz score will be dropped. This means that each quiz will be worth 2.5% of your final grade.

4.2. **Exams.** There will be 2 midterm exams for this class. The exam dates are January 13th and 20th. Each midterm exam will account for 20% of the overall grade. The final is on January 27th from 11:10-14:10 in the usual classroom. The final is worth 30% of the overall grade. Most exam problems will closely resemble those of the homework and quizzes. Missed exams may only be made up with an appropriately excused absence.

4.3. **Homework.** Homework will be assigned every class day to help you practice for quizzes and exams. Homework will not be collected, but quizzes will be made from homework problems.

5. Disability

Randolph-Macon College is committed to providing access to programs and services for qualified students with disabilities. If you are a student with a disability and require accommodations to participate and complete requirements for this course, notify me immediately and contact the Disability Support Services Office (DSS@rmc.edu or 804-752-7343) for verification of eligibility and determination of specific accommodations.

6. Code of Academic Integrity

Your compliance with the Code of Academic Integrity is assumed at all times in this class. This includes, but is not limited to, submitting your own work (even if you work together on assignments) and not cheating on exams. Please make sure you have read and understand this, which can be found here: `http://issuu.com/rmcstudentlife/docs/code_of_student_conduct_-_4-14-2016/15?e=6746978/34912731`

7. Conduct

You are expected to act in a respectable manner. If you are disruptive, you will be asked to leave, and you will forfeit your attendance points for the day. If you have a cell phone, please turn it off (or at least place it on silent) during class time. Lectures being interrupted by cell phones going off is disrespectful to everyone in the classroom.

Material in the syllabus is tentative, and I reserve the right to change any information in this syllabus in the event of an unforeseen event.