

Math 17, Section A: Applications of Finite Math Spring 2012 Syllabus and Course Information

Class Meetings: MWF 8:30-9:20 AM, 107 Perkins

Instructor: Sam Schiavone, Samuel.Schiavone@uvm.edu,

Office: 106 Lord (basement), 16 Colchester Ave

Office Hours: Tuesday and Thursday 2-3 PM and by appointment.

Textbook: *Excursions in Modern Mathematics* by Peter Tannenbaum, 7th Edition. A scientific calculator is also required for several of the course topics.

Prerequisites: Two years of secondary school algebra or MATH 009 or 010.

Course Outline:

Chapter 1	approx 3 days
Chapter 2	approx 3 days
Chapter 3	approx 2 1/2 days
First Exam	1 day
Chapter 4	approx 2 days
Chapter 8	approx 1 1/2 days
Chapter 9	approx 1 1/2 days
Chapter 5	approx 2 days
Second Exam	1 day
Chapter 6	approx 2 days
Chapter 7	approx 1 days
Chapter 11	approx 1 1/2 days
Chapter 12	approx 2 days
Third Exam	1 day
FINAL EXAM	May 7th, 7:30-10:15 AM, PERKINS 107

Course Description: This course is an introduction to the applications of finite mathematics. This includes topics such as voting systems, fair division, apportionment problems, probability, statistics, and graph theory.

Grading: Your grade in this course will be based on weekly quizzes, three tests, and a final examination as follows:

Homework: Homework will not be graded, but completing the assigned problems is *strongly* recommended. Instead, there will be weekly quizzes to assess your proficiency in the material. Note that the assigned problems are designed to prepare you for these quizzes.

Academic Honesty: Academic dishonesty is not tolerated. Students are responsible for knowing and observing the Academic Integrity Code, which may be found at:

<http://www.uvm.edu/policies/student/acadintegrity.pdf>.

Extra Help: Don't hesitate to come to my office during office hours or by appointment to discuss a homework problem or any aspect of the course. Additionally, free Math Help Sessions are held

Monday through Thursday from 5 to 7 PM. Details can be found at <http://www.uvm.edu/~cems/mathstat/> under the Classes tab.

Learning Disability Policy: If you are a student with a documented learning disability, you are entitled to certain accommodations. However, it is your responsibility to see me as soon as possible so we may make the necessary arrangements with ACCESS (<http://www.uvm.edu/access/>).

Important Dates:

Add/Drop Deadline	January 30th
First Test	Month Day
Second Test	Month Day
Third Test	Month Day
FINAL EXAM	May 7th, 7:30-10:15 AM, PERKINS 107