MATH 1100 Finite Mathematics

SYLLABUS


OFFICE HOURS: by appointment

COURSE CONTENT:

- Linear Functions. Applications. (Chapter 1; Sections 1.1 – 1.3)
- Systems of Linear Equations and Matrices. Applications. (Chapter 2; Sections 2.1 – 2.6)
- Mathematics of Finance (Chapter 5; Sections 5.1 – 5.3)
- Linear Programming. The Graphical Method (Chapter 3; Sections 3.1 – 3.3)
- Sets and Probability (Chapter 7; Sections 7.1 – 7.6)

GRADING:

- Participation 10%
- Homework 10%
- Weekly quizzes 50% The lowest quiz grade will be dropped
- Final exam 30% It will cover material from the entire course

The raw scores determine the letter grades. However the scale is determined by the quality of a student’s work.

- A indicates an excellent grasp of the subject. This means that an “A” student could easily tutor/teach the subject to his/her peers.
- B indicates overall good work, meaning the majority of problems are presented clearly and correctly, with only occasional errors on more advanced problems.
- C indicates acceptable work, meaning that the simpler problems are generally correct, but progress on advanced problems is inconsistent.
A few important notes:

- A student who misses a quiz or exam should submit documented justification of his/her absence in order to make it up within one week after returning to class.
- No “extra credit” opportunity will be offered.
- If a student lives far away from New York he/she should purchase the ticket as early as possible to avoid any conflict with the examination schedule.
- Under no circumstances late homework is accepted.