

MATH 111
Finite Mathematics

Course Outline

Topics	# of weeks
Chapter 1 – Linear Equations and Straight Lines Sections 1.1 – 1.3	1.5
Chapter 2 – Matrices Section 2.1 – 2.5	2.5
Chapter 3 – Linear Programming, A Geometric Approach Sections 3.1 – 3.4	2.5
Chapter 4 – The Simplex Method Section 4.1 with demo on Section 4.2	0.5
Chapter 5 – Sets and Counting Sections 5.1 – 5.7	2.5
Chapter 6 – Probability Sections 6.1 – 6.3	1.5
Chapter 12 – Difference Equations and Mathematical Models Sections 12.1, 12.2, 12.4 (12.3, 12.5 if time permits)	2.0
Tests	1.0

Note: Chapter 12 is available online through Direct Access/MML or directly at https://media.pearsoncmg.com/ph/esm/esm_goldstein_gfm12e_18/ch12/gfm12e_chapter_12.pdf

Textbook: Finite Mathematics & Its Applications, 12th Ed.,
Goldstein, Schneider, Siegel, and Hair Pearson Education 2018.

Note: The TI-83 calculator or one of greater capability is *required*.