

Finite Mathematics Pacing Guide Semester I (Text: Finite Mathematics (Berresford & Rockett))

Chapter	Section	Days	Assessments
Ch 1 Functions	1.1 Real Numbers	(2 days)	Daily Notes
	1.2 Exponents	(1 day)	Daily Homework
	1.3 Functions	(1 day)	Writing Assignments
	1.4 More Functions	(1 day)	Weekly Quiz
	1.6 Exponential Functions	(1 day)	
	Review	(2 days)	
	Exam	(1 day)	
Ch 2 Math of Finance	2.1 Simple Interest	(1 day)	Daily Notes
	2.2 Compound Interest	(1 day)	Daily Homework
	2.3 Annuities	(1 day)	Writing Assignments
	2.4 Amortizations	(1 day)	Weekly Quiz
	Review	(2 days)	
	Exam	(1 day)	
Ch 3 Systems of Equations and Matrices	3.1 Systems in 2 variables	(1 day)	Daily Notes
	3.2 Matrices in 2 Variables	(1 day)	Daily Homework
	3.3 Gauss-Jordan Method	(1 day)	Writing Assignments
	3.4 Matrix Arithmetic	(1 day)	Weekly Quiz
	3.5 Inverse Matrices	(1 day)	
	3.6 Modeling	(2 days)	
	Review	(2 days)	
Exam	(1 day)		
Ch 4 Linear Programming	4.1 Linear Inequalities	(2 days)	Daily Notes
	4.2 Linear Programming	(1 day)	Daily Homework
	4.3 Simplex Method	(2 days)	Writing Assignments
	4.4 Standard Minimum/Duality	(2 days)	Weekly Quiz
	4.5 Dual Pivot Element/ Two Stage Method	(2 days)	
	Review	(2 days)	
Exam	(1 day)		
Ch 5 Probability	5.1 Sets, Counting, & Venn Diagrams	(1 day)	Daily Notes
	5.2 Permutations & Combinations	(1 day)	Daily Homework
	5.3 Probability Spaces	(1 day)	Writing Assignments
Ch 5	5.4 Conditional Probability	(1 day)	Weekly Quiz

Probability (cont.)	5.5 Bayes' Formula 5.6 Random Variables Review Exam	(1 day) (2 days) (2 days) (1 day)	
Ch 6 Statistics	6.1 Random Samples 6.2 Measures of Central Tendency 6.3 Measures of Variation 6.4 Normal Distributions Review Exam	(1 day) (1 day) (1 day) (1 day) (2 days) (1 day)	Daily Notes Daily Homework Writing Assignments Weekly Quiz
Ch 7 Markov Chains	7.1 States and Transitions 7.2 Regular Markov Chains 7.3 Absorbing Markov Chains Review Exam	(1 day) (1 day) (2 days) (1 day) (1 day)	Daily Notes Daily Homework Writing Assignments Weekly Quiz
Ch 8 Game Theory	8.1 Two-Person Games/Saddle Points 8.2 Mixed Strategies 8.3 Games and Linear Programming Review Exam	(1 day) (1 day) (1 day) (2 days) (1 day)	Daily Notes Daily Homework Writing Assignments Weekly Quiz
Final Exam			Comprehensive Final Exam