

MATH 263
Discrete Mathematics (3 units)
Course Outline

Chapter	Topic	Time (Weeks)
Chapter 1	Language of sets Section 1.2	0.5
Chapter 2	The Logic of Compound Statements Sections 2.1 – 2.3 [2.4, 2.5 if time]	2.0
Chapter 3	The Logic of Quantified Statements Sections 3.1 – 3.4	1.5
Chapter 4	Elem. Number Theory & Methods of Proof Sections 4.1 – 4.5; 4.7 – 4.8 [4.6 or 4.9 as time permits]	2.5
Chapter 5	Sequences, Mathematical Induction & Recursion Sections 5.1 – 5.3 [5.4 and/or 5.6 as time permits]	2.0
Chapter 6	Set Theory Sections 6.1 – 6.2 [6.3 if time]	1.5
Chapter 7	Functions Sections 7.1 – 7.3	2.0
Chapter 8	Relations Sections 8.1 – 8.3 [8.4 if time]	1.0
TESTS		1.0

Textbook: Discrete Mathematics with Applications, **5th edition** by Susanna Epp, 2020, Cengage

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