

Abbreviated Weekly Schedule:

To summarize, Assignments are due by each Sunday (except week 10) and quizzes on materials in the previous week are due by Monday. Please make sure that you have submitted the assignments via Canvas.

Week	Course Topics (followed the 4 th edition of the required textbook)
#1 <u>Assignments due:</u> April 08, 2018 <u>Syllabus Quiz due:</u> April 09, 2018	<ul style="list-style-type: none">• Chapter 2: Section – 2.1 Logical Form and Logical Equivalence• Chapter 2: Section – 2.2 Conditional Statements
#2 <u>Assignments due:</u> April 15, 2018 <u>Quiz 1 due:</u> April 16, 2018	<ul style="list-style-type: none">• Chapter 3: Section -3.1 Predicates and Quantified Statements• Chapter 4: Section – (4.1 to 4.4) Direct Proof• Chapter 4: Section – 4.6 Contraposition
#3 <u>Assignments due:</u> April 22, 2018 <u>Quiz 2 due:</u> April 23, 2018	<ul style="list-style-type: none">• Chapter 4: Section – (4.6 to 4.7) Contradiction• Chapter 6: Section - 6.1 Set Theory
#4 <u>Assignments due:</u> April 29, 2018 <u>Quiz 3 due:</u> April 30, 2018	<ul style="list-style-type: none">• Chapter 6: Section – (6.2 to 6.3) Set Operations• Chapter 5 : Section - 5.1 Sequences and Sums
#5 <u>Assignments due:</u> May 06, 2018 <u>Quiz 4 due:</u> May 07, 2018	<ul style="list-style-type: none">• Chapter 5: Section - (5.2 to 5.3) Weak Induction• Chapter 5: Section - 5.4 Strong Induction

<p>#6</p> <p><u>Assignments due:</u> May 13, 2018</p> <p>No quiz due to midterm</p>	<ul style="list-style-type: none"> • Chapter 5: (Section - 5.6 to 5.7) Recursive Definitions • Chapter 5: Section - 5.9 Structural Induction
<p>#7</p> <p><u>Assignments due:</u> May 20, 2018</p> <p>No quiz due to midterm</p>	<ul style="list-style-type: none"> • Chapter 9: Section-(9.2 and 9.3) Basic Counting Rules • Chapter 9: Section-9.4 The Pigeonhole Principle <p>Midterm : 05/13/2018 – 05/17/2018 (Week 1- Week 5)</p>
<p>#8</p> <p><u>Assignments due:</u> May 27, 2018</p> <p><u>Quiz 5 due:</u> May 28, 2018</p>	<ul style="list-style-type: none"> • Chapter 9: Section- (9.2 and 9.5) Permutations and Combinations • Chapter 9:Section - 9.6 Permutations and Combinations with Repetition
<p>#9</p> <p><u>Assignments due:</u> June 03, 2018</p> <p><u>Quiz 6 due:</u> June 04, 2018</p>	<ul style="list-style-type: none"> • Chapter 10: Section-10.1 Basic Graph Definitions and Properties • Chapter 10: Section-10.2 Connectivity
<p>#10</p> <p><u>Assignment due:</u> June 08, 2018 (No late submission allowed)</p>	<ul style="list-style-type: none"> • Chapter 10: Section -10.7 Shortest Path Problem
<p># Final Week</p>	<p>Final Exam : 06/09/2018 - 06/13/2018 (Week 2- Week 10)</p>