

Abbreviated Weekly Schedule:

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

Week	Course Topics (followed the 4 th edition of the required textbook)
#1 Assignments due: April 09, 2017 Quiz due: no quiz during the first week (quizzes are over the material in the previous	<ul style="list-style-type: none">• Chapter 2: Section – 2.1 Logical Form and Logical Equivalence• Chapter 2: Section – 2.2 Conditional Statements
#2 Assignments due: April 16, 2017 Quiz 1 due: April 17, 2017	<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 Assignments due: April 23, 2017 Quiz 2 due: April 24, 2017	<ul style="list-style-type: none">• Chapter 4: Section – (4.6 to 4.7) Contradiction• Chapter 6: Section - 6.1 Set Theory
#4 Assignments due: April 30, 2017 Quiz 3 due: May 01, 2017	<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 Assignments due: May 07, 2017 Quiz 4 due: May 08, 2017	<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>Assignments due: May 14, 2017 Quiz due: 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>Assignments due: May 21, 2017 Quiz due: 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 : 05/14/2017 – 05/18/2017 (Week 1- Week 5)</p>
<p>#8</p> <p>Assignments due: May 28, 2017 Quiz 5 due: May 29, 2017</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>Assignments due: June 04, 2017 Quiz 6 due: June 05, 2017</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 Assignments due: June 10, 2017 (No late submission allowed) Quiz 7 due: June 10, 2017</p>	<ul style="list-style-type: none"> • Chapter 10: Section -10.7 Shortest Path Problem
<p># Final Week</p>	<p>Final Exam :06/11/2017 – 06/15/2017 (Week 1- Week 10)</p>