

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: October 2, 2016 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: October 9, 2016 Quiz 1 due: October 10, 2016	<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: October 16, 2016 Quiz 2 due: October 17, 2016	<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: October 23, 2016 Quiz 3 due: October 24, 2016	<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: October 30, 2016 Quiz 4 due: October 31, 2016	<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: November 6, 2016</p> <p>Quiz due: No quiz due to midterm</p> <p>#7</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>Assignments due: November 13, 2016</p> <p>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 : 11/12/2016 – 11/16/2016 (Week 1- Week 5)</p>
<p>#8</p> <p>Assignments due: November 20, 2016</p> <p>Quiz 5 due: November 21, 2016</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: November 27, 2016</p> <p>Quiz 6 due: November 28, 2016</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>Assignments due: December 02, 2016 (No late submission)</p> <p>Quiz 7 due: Decebmer 02, 2016</p>	<ul style="list-style-type: none"> • Chapter 10: Section -10.7 Shortest Path Problem
<p># Final Week</p>	<p>Final Exam :12/04/2016 – 12/08/2016 (Week 1- Week 10)</p>