Abbreviated Weekly Schedule:

To summarize, Assignments are due by each Sunday and quizzes on materials in the previous week are due by Wednesday. Mark the dates in your Calendar and please make sure that you have submitted the assignments and quizzes via Canvas.

<table>
<thead>
<tr>
<th>Week</th>
<th>Course Topics</th>
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</table>
| #1   | • Propositions Simple Formulas  
      | • Logical Equivalence |
|      | Assignments due:  
      | Jun 28, 2015  
      | (quizzes are over the material in the previous week) |
| #2   | • Predicates and Quantifiers  
      | • Direct Proof & Contrapositive  
      | • Contradiction & Other Techniques |
|      | Assignments due:  
      | July 05, 2015  
      | Quiz 1 due:  
      | July 08, 2015 |
| #3   | • Set Notation  
      | • Set Operations  
      | • Sequences and Sums |
|      | Assignments due:  
      | July 12, 2015  
      | Quiz 2 due:  
      | July 15, 2015 |
| Assignments due: | July 19, 2015 | • Weak Induction  
• Strong Induction |
| Quiz 3 due: | July 22, 2015 |

| #5 | Assignments due: | July 26, 2015 | • Recursive Definitions  
• Structural Induction |
Syllabus: Week 1 – Week 5 |

| #7 | Assignments due: | August 02, 2015 | • Basic Counting Rules  
• The Pigeonhole Principle |
| Quiz 5 due: | August 05, 2015 |

| Assignments due: | August 09, 2015 | • Permutations and Combinations  
• Permutations and Combinations with Repetition |
| Quiz 6 Due: | August 12, 2015 |

| #8 | Assignments due: | August 16, 2015 | • Basic Graph Definitions and Properties  
• Connectivity  
• Shortest Path Problem |
| Quiz 7 due: | August 19, 2015 |

| # Final Week | • Final Exam (08/16/2015 – 08/19/2015)  
• Syllabus: (Week 1- Week 8) |