

Topics  
for Wednesday's Test

- Logic (0.1, 0.2, 1.1, 1.2)  
Statements, truth values, (We're skipping  
connectives, quantifiers, 1.3.)  
Equivalent expressions.  
Truth tables.  
The negation of a statement.  
Implications: converse,  
contrapositive.  
Tautology; contradiction.
- Sets (2.1, 2.2)  
 $\subseteq, \cap, \cup, \setminus, A \times B, \mathcal{P}(A), U, S^c$   
Equivalent expressions.  
Venn diagrams,
- Relations (2.3)
  - Equivalence relations (2.4)  
Partitions
  - Partial ordering relations (2.5)  
Hasse diagrams