Math 205, Fall 2015, Approximate Schedule

Monday	Wednesday	Friday
Aug 31st **1** 1, Sets	Sep 2nd **2** 2, Functions	4th **3** 2, Functions cont'd
7th **4** 3, Relations	9th **5** 3, Order relations	11th **6** 4, Integers and Reals
14th **7** Integers, Cartesian Products, Cardinality ***HW 1 due***	16th **8** Russell's Paradox, Existence of Large Cardinals	18th **9** Countable and Uncountable Sets
21st **10** Some logic items	23rd **11** Metric Spaces	25th **12** Topological Spaces
28th **13** Basis for a topology ***HW 2 due***	30th **14** More on bases	Oct 2nd **15** Order, Product, Subspace topologies
5th **16** Subspace topology, cont'd	7th **17** Examples ***HW 3 due***	9th **18** Closure
12th **19** Limit points	14th Test 1	16th **20** Hausdorff Spaces
19th **21** Continuous Functions	21st **22** Pasting lemma, etc	23rd **23** Sequence lemma
26th **24** Connectedness	28th **25** I.V.T., $[a, b]$ connected	30th **26** Path connectedness
Nov 2nd **27** Components ***HW 4 due***	4th **28** Compact spaces	6th **29** More on compactness
9th **30**	11th **31**	13th **32**
16th **33**	18th Test 2	20th **34**
23rd Thanksgiving	25th Thanksgiving	27th Thanksgiving
30th **35**	Dec 2nd **36** Presentations	4th **37** Presentations
7th **38** Presentations	9th **39** Presentations	11th **40** Review for Final Exam
14th **41**	16th **42**	18th Final Exam 10:30-12:30pm