

Math 141 - Spring 2020 Tentative Schedule

Text: *Introduction to Topology*, Gamelin and Greene (Second edition)

Lecture	Date	Section	Topic	HW
1	Mar. 30	I.1	Open and closed sets	
2	Apr. 1		(continued)	
3	Apr. 3	I.2	Completeness	
4	Apr. 6	I.2/I.3	The real line	
5	Apr. 8	I.4	Products of metric spaces	HW 1
6	Apr. 10	I.4/I.5	Compactness	
7	Apr. 13		(continued)	
8	Apr. 15	I.5/I.6	Continuous functions	HW 2
9	Apr. 17		Review	
10	Apr. 20		Hour Exam #1	
11	Apr. 22	II.1	Topological spaces	HW 3
12	Apr. 24	II.1/II.2	Subspaces	
13	Apr. 27	II.2/II.3	Continuous functions	
14	Apr. 29		(continued)	HW 4
15	May 1	II.4	Base for a topology	
16	May 4	II.5	Separation axioms	
17	May 6		(continued)	HW 5
18	May 8	II.6	Compactness	
19	May 11	II.6/II.7	Locally compact spaces	
20	May 13	II.8	Connectedness	HW 6
21	May 15		Review	
22	May 18		Hour Exam #2	
23	May 20	II.9	Path connectedness	HW 7

24	May 22	II.10	Finite product spaces	
25	May 27		(continued)	HW 8
26	May 29	II.12	Infinite product spaces	
27	June 1	II.12/II.13	Quotient spaces	
28	June 3		(continued)	HW 9
29	June 5		Review	