

MATH 2190 (Discrete Structures I), Spring 2021

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Subject to change with notice

You are expected to come to class prepared, that is, having read the assigned sections and having thought about the assigned problems; your section summaries are also due that day. E.g. your summaries of sections 1.1, 1.2 and 1.3 are due by 12:30pm the day of Lecture #2.

Lec. Date	Sections to read	Problems to think about
1 Tuesday, 1/26	No assignment	None
2 Thursday, 1/28	1.1, 1.2, 1.3, syllabus.pdf, words.pdf	1.1.5, 1.2.5, 1.2.6, 1.3.3
3 Tuesday, 2/2	1.4, 1.5, definitions.pdf	1.4.1, 1.4.3, 1.5.1(a), 1.5.9
4 Thursday, 2/4	2.1, 2.2, factorial.pdf	2.1.12, 2.1.13, 2.2.4, 2.2.6
5 Tuesday, 2/9	2.3, 2.4	2.3.7, 2.3.8(a), 2.4.5
6 Thursday, 2/11	3.1, 3.2, implies.pdf	3.1.2, 3.2.2(abc)
..... Tuesday, 2/16	NO CLASS	
7 Thursday, 2/18	3.3, 3.4	3.3.2, 3.3.6, 3.4.2, 3.4.4(ab)
8 Tuesday, 2/23	3.5, 3.6, proofs.pdf	3.6.2
9 Thursday, 2/25	3.7, induction.pdf	3.7.2, 3.7.5, 3.7.10
10 Tuesday, 3/2	3.8	3.8.1, 3.8.4, 3.8.7, 3.8.9
11 Thursdays, 3/4	3.9	3.9.1, 3.9.3, 3.9.5
12 Tuesday, 3/9	REVIEW	First practice exam
13 Thursday, 3/11	EXAM	Get sleep!
14 Tuesday, 3/16	4.1, 4.2	4.1.1(a,c), 4.1.2(a,c), 4.2.4
15 Thursday, 3/18	4.3, 4.4	4.3.1, 4.3.5, 4.4.1, 4.4.3
16 Tuesday, 3/23	5.1, 5.2, unique.pdf	5.1.1(a,b,c,d), 5.2.2(a,b)
17 Thursday, 3/25	5.3, 5.4, multiply.pdf	5.4.2, 5.4.3, 5.4.6, 5.4.8
18 Tuesday, 3/30	6.1, 6.2	6.1.1, 6.1.3, 6.2.1, 6.2.3
19 Thursday, 4/1	6.3, div.pdf, cong.pdf, poset.pdf	6.3.1, 6.3.3
20 Tuesday, 4/6	6.4, 6.5, closure.pdf	6.4.1, 6.4.5, 6.5.1, 6.5.3, 6.5.6
21 Thursday, 4/8	7.1, 7.2	7.1.1, 7.1.3, 7.2.1, 7.2.3
22 Tuesday, 4/13	7.3	7.3.4, 7.3.6
23 Thursday, 4/15	8.1, 8.2	8.1.5, 8.2.3
24 Tuesday, 4/20	8.3	8.3.1, 8.3.5
25 Thursday, 4/22	8.3, exponential.pdf	8.3.7
26 Tuesday, 4/27		
27 Thursday, 4/29	REVIEW	Second practice exam