

Tentative Class Schedule

Week	Dates	Topic	Hours	Note
1	2/21 – 2/27	Logic & Set theory	3	
2	2/28 – 3/6	Mathematical induction	3	
3	3/7 – 3/13	Functions	3	
4	3/14 – 3/20	Relations	3	
5	3/21 – 3/27	Principles of counting	3	
6	3/28 – 4/3	Principle of inclusion and exclusion	2	
7	4/4 – 4/10	Recurrence relations	3	Midterm exam No. 1
8	4/11 – 4/17	Generating functions	3	
9	4/18 – 4/24	Generating functions	3	
10	4/25 – 5/1	Generating functions	3	
11	5/2 – 5/8	Introduction to graph theory	3	
12	5/9 – 5/15	Introduction to graph theory	3	Midterm exam No. 2
13	5/16 – 5/22	Trees	3	
14	5/23 – 5/29	Trees	3	
15	5/30 – 6/5	Optimization and matching	3	
16	6/6 – 6/12	Optimization and matching	3	
17	6/13 – 6/19	Optimization and matching	3	
18	6/20 – 6/26	(Final week)		Final exam

*There will be no lecture on April 2, 2021.

†Midterm examination No. 1 will be held from 7:00pm to 10:00pm on April 9, 2021.

‡Midterm examination No. 2 will be held from 7:00pm to 10:00pm on May 14, 2021.

§Final examination will be held from 7:00pm to 10:00pm on June 25, 2021.