#	Date	Content	Reading	HW
1	4/1	Scaling Shortest paths algorithm		
2	4/3	Intro to min-cost flow		
3	4/8	Simple Capaicity-scaling min-cost flow		HW1 out
4	4/10	Orlin's capacity-scaling MCF, strongly-polynomial variant.		
5	4/15	Cost-scaling min-cost flow		
6	4/17	Strongly Polynomial Min Cost Flow		HW1 due
7	4/22	Cones and proof of fundamental theorem of linear inequalities.		
8	4/24	No lecture		HW2 out
9	4/29	Start Gonzaga's interior point LP algorithm		
10	5/1	Continue Gonzaga Interior-Point LP algorithm		
11	5/6	Ellipsoid Method and Yamnitsky-Levin – sketch and applications		
12	5/8	Ellipsoid examples. Start multicommodity flow approximation algorithms		HW2 due
13	5/13	Continue multicommodity flow approximation algorithms		
14	5/15	More multicommodity-related proofs.		
15	5/20	Extensions to Fractional Packing Application to scheduling of unrelated parallel machines		
16	5/22	Rounding unrelated parallel machines. Approximating multicut and sparsest cuts		HW3 out
17	5/27	Embedding into L_1 Cuts in directed graphs		
18	5/29	Linear layout problem		
19	6/3	Facility Location		HW3 due