MONTH	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Week
-		25	Lecture: Introduction, algorithm		Lecture: Concrete models	Recitation: Lower bounds		
AUGUST			analysis and the selection problem		and lower bounds			1
OCTOBER SEPTEMBER A		1 LABOR DAY	Lecture: Integer sorting		Homework 1 out Lecture: Hashing, universal and perfect hashing	Recitation: Integer sorting and hashing		2
		8	Lecture: Fingerprinting	Homework 1 due	Homework 2 out Lecture: Range query data	Recitation: Fingerprinting and		
					structures	SegTrees		3
			Programming Problem 1 out	Homework 2 due	Homework 3 out			
		15	Lecture: Amortized analysis		Lecture: Union-Find	Recitation: Amortized Analysis and Union Find		4
					Homework 3 orals	Programming Problem 1 Due		
		22	MIDTERM ONE (7:00PM)		Lecture: Dynamic Programming	Recitation: Dynamic programming		5
					Homework 4 out			
		29	Lecture: Dynamic Programming		Lecture: Network Flows I: Flows, Cuts, and Matchings	Recitation: Graph DP & Network flow		6
			Programming Problem 2 out	Homowark 4 des	Homoverk 5 and			
		6	Lecture: Network Flows II:	Homework 4 due	Homework 5 out Lecture: Network Flows III:	Recitation: Advanced flow		
			Advanced Flow Algorithms		Minimum-cost Flows	rectation. Advanced now		7
				Homework 5 due		Programming Problem 2 Due		
		13		FALL BREAK				
		20	Lecture: Game Theory		Lecture: Linear Programming I: Fundamentals and Modeling	Recitation: Game theory & Linear programming		8
		27	Programming Problem 3 out		Homework 6 out Lecture: Linear Programming	Recitation: More linear		
		21	Lecture: Linear Programming II: Duality		III: Polytopes and Integrality	programming		
						Programming Problem 3 Due		9
					Homework 6 orals			
NOVEMBER		3	MIDTERM TWO (7:00PM)		Lecture: Approximation Algorithms	Recitation: Approximation algorithms		10
					Homework 7 out			
		10	Lecture: Online Algorithms		Lecture: Streaming Algorithms	Recitation: Online and streaming algorithms		11
			Programming Problem 4 out	Homework 7 due	Homework 8 out			
		17	Lecture: Computational Geometry I		Lecture: Computational Geometry II: Randomized Incremental	Recitation: Computational geometry		12
				Homework 8 due	Homework 9 out	Programming Problem 4 Due		
		24	Lecture: Splay Trees	THANKSGIVING BREAK				13
DECEMBER		1	Lecture: Polynomials		Lecture: The Fast Fourier Transform & Convolutions	Recitation: Polynomials, FFT		14
				Homework 9 orals				
DEC		8 FINAL EXAM WEEK						15