

CS 5592 DAA LECTURE SCHEDULE (Version 1.1) – Spring 2020(As of Jan. 23rd 2020; the schedule is subject to change)

Date	Topic	Assignment	Note
1/21	Course Introduction		
1/23	Algorithms and Programs, Time and Space Complexities		
1/28	Asymptotic notations		
1/30	Worst case, best case, and average case analysis		
2/4	Divide and Conquer algorithm and Recurrence Relations		
2/6	Complexity Comparisons		
2/11	Comparison vs. Non-comparison sort		
2/13	Exam #1 Review	Assignment#1 due	
2/18	Exam#1, 5:30 pm ~ 7:00 pm at MNLC 151		
2/20	Reserved (exam review)		
2/25	Dynamic programming 1		
2/27	Dynamic programming 2		
3/3	Dynamic programming 3		
3/5	Greedy Algorithms 1		
3/10	Greedy Algorithms 2		
3/12	More DP and Greedy Algorithms		
3/17	Exam #2 Review	Assignment#2 due	
3/19	Exam #2, 5:30 pm ~ 7:00 pm at MNLC 151		
3/24	Spring Break (No Class)		
3/26	Spring Break (No Class)		
3/31	Elementary Graph Algorithms 1		
4/2	Elementary Graph Algorithms 2		
4/7	Elementary Graph Algorithms 3		
4/9	Euler & Hamiltonian Path/Cycle		
4/14	TSP, Shortest Path Algorithms		
4/16	NP-completeness 1		
4/21	NP-completeness 2		
4/23	Exam#3 Review		
4/28	Exam#3, 5:30 pm ~ 7:00 pm at MNLC 151	Assignment#3 due	
4/30	BlockChain Algorithm		
5/5	Final Exam Review		
5/7	Final Exam (Optional), 5:30 pm ~ 7:00 pm at MNLC 151	Class ends	