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6.006 | Spring 2020 | Undergraduate

Introduction To Algorithms

⌐┘ Menu   More Info

Calendar

Lectures occured on Tuesdays and Thursdays. Recitations took place on Wednesdays and Fridays. Optional problem sessions were held on Fridays.

WEEK	LECTURES	RECITATIONS	PROBLEM SESSIONS	KEY DATES
1	Lecture 1: Introduction Lecture 2: Data Structures	Recitation 1 Recitation 2	Problem Session 1	Problem Set 0 Due
2	Lecture 3: Sorting Lecture 4: Hashing	Recitation 3 Recitation 4	Problem Session 2	Problem Set 1 Due
3	Lecture 5: Linear Sorting	Recitation 5	Problem Session 3	Problem Set 2 Due
4	Lecture 6: Binary Trees, Part 1 Lecture 7: Binary Trees, Part 2: AVL	Recitation 6 Recitation 7	Problem Session 4	Problem Set 3 Due
5	Lecture 8: Binary Heaps Lecture 9: Breadth-First Search	Recitation 8 Recitation 9	Quiz 1 Review	Problem Set 4 Due Quiz 1 Review
6	Lecture 10: Depth-First Search Lecture 11: Weighted Shortest Paths	Recitation 10 Recitation 11	Problem Session 5	
7	Lecture 12: Bellman-Ford	Recitation 12	Problem Session 6	Problem Set 5 Due Quiz 1
8	Lecture 13: Dijkstra's Algorithm Lecture 14: Johnson's Algorithm	Recitation 13 Recitation 14	Problem Session 7	Problem Set 6 Due Quiz 2 Review
9	Lecture 15: Dynamic Programming, Part 1: Recursive Algorithms Lecture 16: Dynamic Programming, Part 2: Subproblems	Recitation 15 Recitation 16	Problem Session 8	
10	Lecture 17: Dynamic Programming, Part 3: APSP, Parens, Piano	Recitation 17	No problem sessions	Problem Set 7 Due Quiz 2
11	Lecture 18: Dynamic Programming, Part 4: Pseudopolynomials Lecture 19: Complexity	Recitation 18 Recitation 19	Problem Session 9	Problem Set 8 Due Quiz 3 Review
12	Lecture 20: Course Review	Recitation 20	No problem sessions	Quiz 3
13	Lecture 21: Algorithms—Next Steps	No recitations	No problem sessions	
14	Final Exam			

Feedback