

COM368 - ALGORITHMS II

Dr. Murat Osmanoglu

Week	Topic	Chapter
1	Introduction	
2	Dynamic Programming	Ch 15
3	Dynamic Programming	Ch 15
4	Greedy Algorithms	Ch 16
5	Greedy Algorithms	Ch 16
6	Graph Traversal Algorithms	Ch 22
7	Graph Traversal Algorithms	Ch 22
8	Midterm	
9	Minimum Spanning Trees	Ch 23
10	Single-Source Shortest Paths	Ch 24
11	All Pairs Shortest Paths	Ch 25
12	Maximum Flow	Ch 26
13	Linear Programming	Ch 29
14	Introduction to Cryptography - RSA	Ch 31

Textbook :

*CLRS Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest and Clifford Stein
Introduction to Algorithms, Third Edition, 2009*

Grading :

Midterm : % 30
Homeworks and Quizzes : % 20
Final : % 50