CE6363 - Design and Analysis of Computer Algorithms

CE 6363 (CS 6363) Design and Analysis of Computer Algorithms (3 semester hours) The study of efficient algorithms for various computational problems. Algorithm design techniques. Sorting, manipulation of data structures, graphs, matrix multiplication, and pattern matching. Complexity of algorithms, lower bounds, NP completeness. Prerequisite: CS 5343. (3-0) S (2016-02-05 21:17:16)