CS6363 - Design and Analysis of Computer Algorithms

**CS 6363 (CE 6363)** Design and Analysis of Computer Algorithms (3 semester credit 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. Prerequisites: **CS 5333** and **CS 5343**. (3-0) S (2016-02-05 23:56:57)