Algorithms (CS2443): Syllabus and grading policy

- **Section I:** Divide & Conquer, Sorting, and Order Statistics. This will also include randomized sorting and selection, Fast Fourier Transform, and closest pair-of-points algorithms.

- **Section II:** Dynamic Programming and Greedy Algorithms (includig Huffman codes).

- **Section III:** Graph Algorithms: DFS+Topological Sorting, Shortest pair algos, Max flow; NP-completeness.

Grading Policy:

- Attendance: 10%

- Assignments: 10 %

- Exam 1: 20 %

- Exam 2: 20 %

- Exam 3: 40 % [About 10-15 out of 40 marks from first two sections.]

Attendance Policy:

- 21 out of 42 classes NECESSARY to pass the course.

- 21 classes: 5 marks; 28 classes: 8 marks, 35 classes: 10 marks.