

Student Information

CS5633: Design and Analysis of Algorithms

Student Information

Name:

Major:

Minor:

Prerequisite CS 2124 (Data Structure) completed:

Semester:

Instructor:

Grade:

When Discrete Math completed?

When Mathematical Foundations of Computer Science or equivalent completed?

When Algorithms course completed (optional)?

Optional – Company working for (Address): .

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Optional – Telephone numbers where you can be reached:

Your familiarity with algorithmic topics (mark with XX):

Not sure

Know

Can illustrate

Can use to solve problems

Design Techniques:

Divide-and-Conquer:

Greedy:

Dynamic Programming:

Parallel:

Growth rates

Sorting

Mergesort:

Quicksort:

Heapsort:

Radixsort:

Selection

Graph Algorithms:

Minimum spanning tree:

Shortest path:

NP-complete Problems:

Any special topics you would like to see covered in this course or pursue for your term project:

- .
- .
- .
- .
- .

Your expectations for this course: