

# Master Checklist

CSC 263

| Wk of: | Topic  | Monday   | Wednesday   | Due                           | Friday  | Text  |
|--------|--|--|---|-------------------------------|---|---|
| 01-08  | Time Complexity (Review), ADTs, Priority Queues: Heaps     |  | <input checked="" type="radio"/> Attended<br><input checked="" type="radio"/> Notes |                               | <input checked="" type="radio"/> Attended<br><input checked="" type="radio"/> Notes | <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3<br><input type="radio"/> 6                          |
| 01-15  | Mergeable Heaps, Dictionaries: Binary Search Trees         | <input checked="" type="radio"/> Attended<br><input type="radio"/> Notes | <input checked="" type="radio"/> Attended<br><input type="radio"/> Notes            | <input type="radio"/> A 1:    | <input type="radio"/> Attended<br><input type="radio"/> Notes                       | <input type="radio"/> 12.1 <input type="radio"/> 12.2<br><input type="radio"/> 12.3<br><input type="radio"/> Binomial Heaps |
| 01-22  | Balanced Search Trees (AVL)                                | <input type="radio"/> Attended<br><input type="radio"/> Notes            | <input type="radio"/> Attended<br><input type="radio"/> Notes                       |                               | <input type="radio"/> Attended<br><input type="radio"/> Notes                       | <input type="radio"/> AVL Trees notes   |
| 01-29  | Augmenting Data Structures, Hashing                        | <input type="radio"/> Attended<br><input type="radio"/> Notes            | <input type="radio"/> Attended<br><input type="radio"/> Notes                       | <input type="radio"/> A 2:    | <input type="radio"/> Attended<br><input type="radio"/> Notes                       | <input type="radio"/> 14 <input type="radio"/> 11.1<br><input type="radio"/> 11.2 <input type="radio"/> 11.3*               |
| 02-05  | Bloom Filters, Randomized Quicksort                        | <input type="radio"/> Attended<br><input type="radio"/> Notes            | <input type="radio"/> Attended<br><input type="radio"/> Notes                       |                               | <input type="radio"/> Attended<br><input type="radio"/> Notes                       | <input type="radio"/> Bloom Ch 1, 2.1<br><input type="radio"/> 5 <input type="radio"/> 7                                    |
| 02-12  | Disjoint Sets  | <input type="radio"/> Attended<br><input type="radio"/> Notes            | <input type="radio"/> Attended<br><input type="radio"/> Notes                       | <input type="radio"/> A 3:    | <input type="radio"/> Attended<br><input type="radio"/> Notes                       | <input type="radio"/> 21.1 <input type="radio"/> 21.2<br><input type="radio"/> 21.3   |
| 02-19  | Reading Week   |  |   |                               |   |   |
| 02-26  | Amortized Analysis: Dynamic Tables                         | <input type="radio"/> Attended<br><input type="radio"/> Notes            | <input type="radio"/> Attended<br><input type="radio"/> Notes                       | <input type="radio"/> A 4: MT | <input type="radio"/> Attended<br><input type="radio"/> Notes                       | <input type="radio"/> 17  |
| 03-05  | Graphs: basic defs & data structures, breadth-first search | <input type="radio"/> Attended<br><input type="radio"/> Notes            | <input type="radio"/> Attended<br><input type="radio"/> Notes                       |                               | <input type="radio"/> Attended<br><input type="radio"/> Notes                       | <input type="radio"/> 22.1 <input type="radio"/> 22.2   |
| 03-12  | Graphs: depth-first search                                 | <input type="radio"/> Attended<br><input type="radio"/> Notes            | <input type="radio"/> Attended<br><input type="radio"/> Notes                       | <input type="radio"/> A 5:    | <input type="radio"/> Attended<br><input type="radio"/> Notes                       | <input type="radio"/> 22.3 <input type="radio"/> 22.4   |
| 03-19  | Graphs: Minimum spanning trees                             | <input type="radio"/> Attended<br><input type="radio"/> Notes            | <input type="radio"/> Attended<br><input type="radio"/> Notes                       |                               | <input type="radio"/> Attended<br><input type="radio"/> Notes                       | <input type="radio"/> 23  |
| 03-26  | NP-Hard Problems, Approximation algorithms, Euclidian TSP  | <input type="radio"/> Attended<br><input type="radio"/> Notes            | <input type="radio"/> Attended<br><input type="radio"/> Notes                       | <input type="radio"/> A 6:    | <input type="radio"/> Attended<br><input type="radio"/> Notes                       | <input type="radio"/> 35.2 <input type="radio"/> 8.1  |
| 04-02  | Problem Complexity Lower Bounds, Wrap-Up                   | <input type="radio"/> Attended<br><input type="radio"/> Notes            | <input type="radio"/> Attended<br><input type="radio"/> Notes                       |                               | <input type="radio"/> Attended<br><input type="radio"/> Notes                       | <input type="radio"/> 9.1   |