

| Date | Day | Class | Assignment Due | | |
|--------|------|--|--|----|--------|
| 10-Jan | W | B1-C01 Introduction | | 1 | 10-Jan |
| 12-Jan | F | B1-C01 Introduction | | 2 | 12-Jan |
| 15-Jan | M | MLK Jr. Service Day | | | 15-Jan |
| 16-Jan | T | L1 Mergesort | | 3 | 16-Jan |
| 17-Jan | W | DS-V01 A vector class | | 4 | 17-Jan |
| 19-Jan | F | B1-C02 Asymptotic Notation | | 5 | 19-Jan |
| 22-Jan | M | B1-C03 Divide and Conquer Algorithms | | 6 | 22-Jan |
| 23-Jan | T | L2 Fast exponentiation | L1 Mergesort | 7 | 23-Jan |
| 24-Jan | W | B1-C03 Divide and Conquer Algorithms | | 8 | 24-Jan |
| 26-Jan | F | B1-C05 Quicksort | | 9 | 26-Jan |
| 29-Jan | M | B1-C05 Quicksort | | 10 | 29-Jan |
| 30-Jan | T | L3 Radix sort / OS2: Comparison of Sorting | L2 Fast exponentiation | 11 | 30-Jan |
| 31-Jan | W | B1-C06 Linear-Time Selection | | 12 | 31-Jan |
| 2-Feb | F | B1-C06 Linear-Time Selection | P1 714: Copying books, 12965: Angry Bids | 13 | 2-Feb |
| 5-Feb | M | DS-SQ Stacks and Queues | | 14 | 5-Feb |
| 6-Feb | T | Test 1: Book 1 | L3 Radix sort | 15 | 6-Feb |
| 7-Feb | W | L4 Infix to Postfix | | 16 | 7-Feb |
| 9-Feb | F | DS-SQ Stacks and Queues | | 17 | 9-Feb |
| 12-Feb | M | B2-C07 Graphs: The Basics | | 18 | 12-Feb |
| 13-Feb | T | B2-C08 Peg game problem | | 19 | 13-Feb |
| 14-Feb | W-F | Bible Conference | | | 14-Feb |
| 19-Feb | M | B2-C08 Graph Search and Its Applications | | 20 | 19-Feb |
| 20-Feb | T | L5 Expression Trees | L4 Infix to Postfix | 21 | 20-Feb |
| 21-Feb | W | B2-C08 Graph Search and Its Applications | | 22 | 21-Feb |
| 23-Feb | F | B2-C08 Graph Search and Its Applications | | 23 | 23-Feb |
| 26-Feb | M | B2-C08 Graph Search and Its Applications | | 24 | 26-Feb |
| 27-Feb | T | L6 Heap Apps / OS1a - contest problems | L5 Expression Trees | 25 | 27-Feb |
| 28-Feb | W | B2-C10 The Heap Data Structure | | 26 | 28-Feb |
| 1-Mar | F | B2-C09 Dijkstra's Shortest Path | | 27 | 1-Mar |
| 4-Mar | M | B2-C10 The Heap Data Structure | | 28 | 4-Mar |
| 5-Mar | T | Test 2: Book 2, Chapters 7-10 | L6 Heap Applications | 29 | 5-Mar |
| 6-Mar | W | B3-C13 Intro to Greedy Algorithms | | 30 | 6-Mar |
| 8-Mar | F | B3-C15 Minimum Spanning Trees | P2: Path through a Maze (on Sat. night) | 31 | 8-Mar |
| 11-Mar | M | B3-C15 Minimum Spanning Trees | | 32 | 11-Mar |
| 12-Mar | T | L7 Disjoint Sets L8 Prims | | 33 | 12-Mar |
| 13-Mar | W | B3-C15 Minimum Spanning Trees | | 34 | 13-Mar |
| 15-Mar | F | B2-C11 Search Trees | | 35 | 15-Mar |
| 18-Mar | M-F | | | | 18-Mar |
| 25-Mar | M | B2-C11 Search Trees | | 36 | 25-Mar |
| 26-Mar | T | B2-C12 Hashing | L7 Disjoint Sets L8 Prims | 37 | 26-Mar |
| 27-Mar | W | B2-C12 Hashing | | 38 | 27-Mar |
| 29-Mar | F | Test 3: Books 2/3, Chapters 11-13, 15 | P3: Kruskals MWST (on Sat. night) | 39 | 29-Mar |
| 1-Apr | M | B2-C12 Bloom Filters | | 40 | 1-Apr |
| 2-Apr | T | B3-C14 Huffman Codes | | 41 | 2-Apr |
| 3-Apr | W | B3-C14 Huffman Codes | | 42 | 3-Apr |
| 5-Apr | F | B3-C16 Intro to Dynamic Programming | | 43 | 5-Apr |
| 8-Apr | M | B3-C16 Intro to Dynamic Programming | | 44 | 8-Apr |
| 9-Apr | T | L9 Mind Reader | | 45 | 9-Apr |
| 10-Apr | W | University Service Day | | | 10-Apr |
| 12-Apr | F | B3-C17 Advanced Dynamic Programming | | 46 | 12-Apr |
| 15-Apr | M | B3-C17 Advanced Dynamic Programming | | 47 | 15-Apr |
| 16-Apr | T | L10 OBST | L9 Mind Reader | 48 | 16-Apr |
| 17-Apr | W | B3-C18 Shortest Paths Revisited | | 49 | 17-Apr |
| 19-Apr | F | B3-C18 Shortest Paths Revisited | | 50 | 19-Apr |
| 22-Apr | M | B3-C14 Huffman Codes | | 51 | 22-Apr |
| 23-Apr | T | OS3: Object selection test | L10 OBST | 52 | 23-Apr |
| 24-Apr | W | Final Review 1 | | 53 | 24-Apr |
| 26-Apr | F | Final Review 2 | P4: OBST (on Sat. night) | 54 | 26-Apr |
| 29-Apr | M-Th | Final Exams | | | 29-Apr |