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| Week 1 | CS141 Review | ArrayIntList |  |  |
| Week 2 | CS141 Review | LetterInventory  TicTacToe | GradeList | HW1: Sudoku #1 |
| **Exam #1** | | | | |
| Week 3 | Collections Sets & Maps  Big-O |  |  | HW2: Sudoku #2 |
| Week 4 | Searching & Sorting Recursion |  |  | HW3: Sudoku #3 |
| Week 5 | Recursive Backtracking |  |  |  |
| **Exam #2** | | | | |
| Week 6 | Implementation & Generics  Stacks & Queues | ArrayList<E>  Stack<E> | Queue<E>  Sudoku Analysis | HW4: Sudoku #4 |
| Week 7 | Linked Lists | Node<E>  LinkedList<E> | LinkedList<E> | HW5: Job Simulation |
| **Exam #3** | | | | |
| Week 8 | Linked List (cont.) |  |  | HW6: LinkedList |
| Week 9 | Trees: Traversals, Non-Cascading Modifications |  |  | HW7: Assassin Manager |
| Week 10 | Trees: BST | 20 Questions |  | HW8: |
| **Exam #4** | | | | |

Video Lectures:

* Module 1
  + Review of 141 (classes, arrays, file processing)