

Date of 1st Meeting	Week	Topics	Notes
Aug 29	1	Git and github. Introduction to the course and algorithm analysis.	
Sept 5	2	Complexity. Start on STL containers: vector	
Sept 12	3	STL containers: vector, list. C++ string; STL iterators	
Sept 19	4	Continue on STL containers: map; set; stack; queue	Quiz 1 on Tuesday
Sept 26	5	STL algorithms. Recursion.	
Oct 3	6	Test 1 review and Test 1	Test 1 on Thursday Oct 5 th .
Oct 10	7	Binary Tree; Binary Search Tree;	
Oct 17	8	AVL tree	Quiz 2 on Tuesday
Oct 24	9	Heaps	
Oct 31	10	Test 2 review and Test 2	Test 2 on Thursday Nov 2 or on Nov 7
Nov 7	11	B-tree	
Nov 14	12	Hashing	Quiz 3 on Thursday
Nov 21	13	Graph	Thanksgiving week. Enjoy food ...
Nov 28	14	Graph	
Dec 5	15	Graph and Test 3 review	
Dec 12	16	Test 3 (based on standard final exam schedule)	Test 3 on Tuesday 12/12 2pm

Note:

- This is a *tentative* schedule for CSCI 340 Fall 2023 section 1.
- Assignments are roughly one per week. The first assignment is due the 2nd week.
- “Daily” tasks are about three per week.
- Recitation schedule is not included here.
- Dates for the tests and quizzes may be adjusted. The actual test date will be notified in class about one week in advance. Test 3 is based on the final exam schedule.