



CS 250: Basic Data Structures using C++

Course: CS 250: Basic Data Structures using C++
Semester: Fall 2021
Dates: 2021-08-23 to 2021-12-13
Instructor: Rachel Singh (they/them)
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Section **376**
CRN: 81842
Method: Online hybrid
Times: Mon, 6:00 - 8:50 pm
Semester: Fall 2021

Course Nav


[Homepage](#) 

[Syllabus](#) 

[Books](#) 

[Example code](#) 

[Course catalog](#) 

[Canvas](#) 

[View-by-week](#)

[View-by-unit](#)

Week	Week of...	Course content	Notes
1	Week of Aug 23	Unit 1: Introduction and setup	Aug 23: First day of fall semester 23-24 Late registration: after these dates, students must be enrolled in a course no later than the first day the course meets.
2	Week of Aug 30	Unit 2: C++ Review	Aug 30: Last day to drop a full-semester course and receive a 100 percent refund.
3	Week of Sept 6	Unit 3: Templates, exception handling	Sep 6: Labor Day holiday. College closed.
4	Week of Sept 13	Break 1	
5	Week of Sept 20	Unit 4: Intro to Data Structures	
6	Week of Sept 27	Unit 5: Linked Lists	
7	Week of Oct 4	Unit 6: Stacks and Queues	
8	Week of Oct 11	Break 2	Oct 15: Application deadline for fall graduation.
9	Week of Oct 18	Unit 7: Algorithm efficiency, Big-O notation, Searching and Sorting	
10	Week of Oct 25	Unit 8: Recursion	
11	Week of Nov 1	Unit 9: Trees, binary search trees	
12	Week of Nov 8	Break 3	
13	Week of Nov 15	Unit 10: Hash tables	Nov 15: Last day to request a pass/fail grade option or to withdraw with a 'W' from a full-semester course.
14	Week of Nov 22	Unit 11: Heaps and Balanced Search Trees	Nov 24-26: Thanksgiving Day holiday. Classes not in session. College offices closed.

15	Week of Nov 29	Unit 12: Student project	
16	Week of Dec 6	Turn in all remaining items! No final exam.	Dec 7-13: Scheduled final exams for students. See Fall 2021 Final Exam Schedule .
17	Week of Dec 13	SEMESTER OVER. YOU DID IT!!	Dec 14: Grades entered online by professors by 5 p.m. Dec 16: Grades available to students by noon on the web.
