




CS 250: Basic Data Structures using C++

Course: CS 250: Basic Data Structures using C++
Semester: Spring 2022
Dates: 2022-01-18 to 2022-05-16
Instructor: Rachel Wil Sha Singh (they/them)
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Discord: RachelThePotato#0085
Rachel's status: [7 things to prep](#)
[54 things to grade](#)

Section **377**
CRN: 11489
Method: Hybrid
Times: Tues, 6:00 - 8:50 pm
Semester: Spring 2022

Course Nav

[Homepage](#) [Syllabus](#) [Books](#) [Example code](#) [Course catalog](#) [Canvas](#) [View-by-week](#)[View-by-unit](#)[View-by-assignment](#)

Week	Week of...	Course content	Notes
1	Week of Jan 17	Unit 1: Introduction and setup	First day of spring credit classes. Monday, Jan 17th, Martin Luther King Jr. Day - College closed.
2	Week of Jan 24	Unit 2: Review: C++ Basics	Jan 25 - Last day to drop a full-semester spring course and receive a 100-percent refund.
3	Week of Jan 31	Unit 3: Templates, Exception Handling, and STL Structures	
4	Week of Feb 7	Unit 4: Tests, Debugging, Navigating your IDE	
5	Week of Feb 14	BREAK 1	Feb 14 - Last day to drop a full-semester spring course without a withdrawal "W" on the student's permanent record. Feb 15 - Application deadline to apply for spring graduation.
6	Week of Feb 21	Unit 5: Intro to Data Structures, Linked Lists	
7	Week of Feb 28	Unit 6: Stacks and Queues	
8	Week of Mar 7	Unit 7: Algorithm Efficiency, Recursion	Mar 1 - Summer schedule of classes becomes available on the web.
9	Week of Mar 14	BREAK 2	Mar 14 to 20 - Spring Break; classes not in session. College offices open Monday through Friday. Happy Holi!
10	Week of Mar 21	Unit 8: Trees and Binary Search Trees, and Project 1	
11	Week of Mar 28	Unit 9: AVL Trees (Balanced Search Tree)	Ramadan Mubarak!
12	Week of April 4	Unit 10: Heaps, Project 2	April 6 - Open enrollment for summer begins at 9 p.m. on the web.

Quick reference

Mark changes to be added:

```
git add .
```

Make a commit of changes:

```
git commit -m "info"
```

Pull latest changes from server:

```
git pull
```

Push your changes to the server:

```
git push
```

Common git errors

- [\[rejected\] error: failed to push some refs](#)
- [There is no tracking information for the current branch](#)
- [fatal: not a git repository](#)
- [error: Browse.VC.open Permission denied](#)

13	Week of April 11	BREAK 3	Apr 15 - Last day to request a pass/fail grade option or to withdraw with a "W" from a full semester spring course. Happy Easter! Happy Passover!
14	Week of April 18	<u>Unit 11: Hash Tables (Dictionaries)</u>	Apr 18 - Open enrollment for fall begins at 9 p.m. on the web.
15	Week of April 25	<u>Unit 12: Student projects</u>	
16	Week of May 2	Turn in all remaining items! No final exam.	
17	Week of May 9	FINALS WEEK (No final exam for this class)	May 10 to May 16 - Scheduled spring final exams for students (<u>Final exam schedule</u>)
18	Week of May 16	SEMESTER OVER. YOU DID IT!!	May 19 - Spring grades available to students by noon on the web.
