


Note: Items marked with  are still being worked on!

Schedule

Click on a UNIT LINK to view the lectures, textbook links, and assignments.

Week	Week of	Topics	Notes
1	June 6th	Unit 0: Welcome and setup Unit 1: Computer basics	
2	June 13th	Unit 2: C++ basics	June 13 Last day to drop an 8-week summer course and receive a refund.
3	June 20th	Unit 3: Storing data in structs, saving text files	
4	June 27th	Unit 4: Storing data in arrays, loading text files	
5	July 4th	Unit 5: Pointers and memory	July 4 Independence day holiday, college offices closed
6	July 11th	Unit 6: The INs and OUTs of functions	July 15 Last day to request a pass/fail grade option or to withdraw with a "W" from an 8-week summer course.
7	July 18th	Unit 7: Classes and Object Oriented Programming 	
8	July 25th	Unit 8: Putting it all together 	July 28 - Last day of summer session
-	-	Aug 1 - Summer grades entered online by professors by 5 pm Aug 3 - Summer grades available to students by noon on the web	

CS 200: Concepts of Programming with C++



Instructor: Rachel Singh (they/them)

- Please contact me via Canvas rather than directly via email!
- Direct email: rsingh13 at jccc dot edu
- Need help? There are various forums set up on the **DISCUSSION BOARD** where you can ask questions and find answers!

Quick links:

- [JCCC Course Catalog](#)
- [Canvas Home](#)
- [Syllabus](#)

Resources:

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Policy Q&A:


- [What tools/software do I need for this course?](#)
- [What textbook do I need for this course?](#)
- [How do I contact the instructor?](#)
- [Where do I go if I have questions on an assignment?](#)
- [Why do all my assignments start off at 0%?](#)
- [Can I turn in assignments late?](#)
- [Can I re-submit assignments for a better grade?](#)
- [Where do I find feedback on my work?](#)

Canvas assignment map

Check-ins

- [\[CheckIn1\]](#)  Check-in

Tech Literacy

- [\[CS200.U01.TL\]](#)  How computers and software work - Tech Literacy

Extra practice

- [\[CS200.U02.EP\]](#)  C++ basics - Extra practice

- [\[CheckIn2\]](#) 🧑🏫 Check-in
- [\[CheckIn3\]](#) 🧑🏫 Check-in
- [\[CheckIn4\]](#) 🧑🏫 Check-in
- [\[CheckIn5\]](#) 🧑🏫 Check-in
- [\[CheckIn6\]](#) 🧑🏫 Check-in
- [\[CheckIn7\]](#) 🧑🏫 Check-in

- [\[CS200.U02.TL\]](#) 🧠 Navigating the command line - Tech Literacy
- [\[CS200.U03.TL\]](#) 🧠 Data representation - Tech Literacy
- [\[CS200.U04.TL\]](#) 🧠 Jobs in tech - Tech Literacy
- [\[CS200.U05.TL\]](#) 🧠 Debugging and Tickets - Tech Literacy
- [\[CS200.U06.TL\]](#) 🧠 Bias and ethics in tech - Tech Literacy
- [\[CS200.U07.TL\]](#) 🧠 Professional networking - Tech Literacy
- [\[CS200.U08.TL\]](#) 🧠 Practice between semesters - Tech Literacy

- [\[CS200.U03.EP\]](#) 🧠 Storing data in structs, saving text files - Extra practice
- [\[CS200.U04.EP\]](#) 🧠 Storing data in arrays, loading text - Extra practice
- [\[CS200.U05.EP\]](#) 🧠 Pointers and memory - Extra practice
- [\[CS200.U06.EP\]](#) 🧠 Functions - Extra practice
- [\[CS200.U07.EP\]](#) 🧠 Classes and inheritance - Extra practice

🧑🏫 Exercises

- [\[CS200.U01.EX\]](#) 🧑🏫 Computer basics - Exercise
- [\[CS200.U02.EX\]](#) 🧑🏫 C++ basics - Exercise
- [\[CS200.U03.EX\]](#) 🧑🏫 Storing data in structs, saving text files - Exercise
- [\[CS200.U04.EX\]](#) 🧑🏫 Storing data in arrays, loading text - Exercise
- [\[CS200.U05.EX\]](#) 🧑🏫 Pointers and memory - Exercise
- [\[CS200.U06.EX\]](#) 🧑🏫 Functions - Exercise
- [\[CS200.U07.EX\]](#) 🧑🏫 Classes and inheritance - Exercise

NEW Concept introductions

- [\[CS200.U01.CI1\]](#) NEW What's the point of computer programs? - Concept introduction
- [\[CS200.U01.CI2\]](#) NEW How do computers store data? - Concept introduction
- [\[CS200.U02.CI1\]](#) NEW C++ basics - Variables - Concept introduction
- [\[CS200.U02.CI2\]](#) NEW C++ basics - Console input and output with cin and cout - Concept introduction
- [\[CS200.U02.CI3\]](#) NEW C++ basics - Debugging
- [\[CS200.U02.CI4\]](#) NEW C++ basics - Testing
- [\[CS200.U03.CI1\]](#) NEW Structs - Introduction

🔍 Peer Review

- [\[CS200.U02.PR\]](#) 🔍 C++ basics - Peer review
- [\[CS200.U03.PR\]](#) 🔍 Storing data in structs, saving text files - Peer review
- [\[CS200.U04.PR\]](#) 🔍 Storing data in arrays, loading text - Peer review
- [\[CS200.U05.PR\]](#) 🔍 Pointers and memory - Peer review
- [\[CS200.U06.PR\]](#) 🔍 Functions - Peer review
- [\[CS200.U07.PR\]](#) 🔍 Classes and Inheritance - Peer review

100 Mastery Check (project+test)

- [\[CS200.U02.MC1\]](#) 100 C++ Basics - Mastery check - Questions
- [\[CS200.U02.MC2\]](#) 100 C++ Basics - Mastery check - Coding
- [\[CS200.U03.MC1\]](#) 100 Structs and saving text files - Mastery check - Questions
- [\[CS200.U03.MC2\]](#) 100 Structs and saving text files - Mastery check - Coding
- [\[CS200.U04.MC1\]](#) 100 Storing data in arrays, loading text files - Mastery check - Questions
- [\[CS200.U04.MC2\]](#) 100 Storing data in arrays, loading text files - Mastery check - Coding
- [\[CS200.U05.MC1\]](#) 100 Pointers and

💻 Projects

- [\[CS200.P1\]](#) 💻 Project - Units 1 and 2
- [\[CS200.P2\]](#) 💻 Project - Units 3 and 4
- [\[CS200.P3\]](#) 💻 Project - Units 5 and 6
- [\[CS200.P4\]](#) 💻 Project - Unit 7

- [\[CS200.U03.CI2\] NEW Saving to text files - Introduction](#)
- [\[CS200.U03.CI3\] NEW Branching basics - Introduction](#)
- [\[CS200.U04.CI1\] NEW Arrays and storing lists of data - Introduction](#)
- [\[CS200.U04.CI2\] NEW Loading text from files - Introduction](#)
- [\[CS200.U04.CI3\] NEW Data structures provided in the C++ library - Introduction](#)
- [\[CS200.U05.CI1\] NEW Pointers and memory - Introduction](#)
- [\[CS200.U05.CI2\] NEW Dynamic arrays - Introduction](#)
- [\[CS200.U06.CI1\] NEW Functions - Introduction](#)
- [\[CS200.U07.CI\] NEW Classes - Introduction](#)
- [memory - Mastery check - Questions](#)
- [\[CS200.U05.MC2\] 100 Pointers and memory - Mastery check - Coding](#)
- [\[CS200.U06.MC1\] 100 Functions - Mastery check - Questions](#)
- [\[CS200.U06.MC2\] 100 Functions - Mastery check - Coding](#)
- [\[CS200.U07.MC1\] 100 Classes - Mastery check - Questions](#)
- [\[CS200.U07.MC2\] 100 Classes - Mastery check - Coding](#)

Sitemap

Unit pages

- [page_u01.html](#)
- [page_u02.html](#)
- [page_u03.html](#)
- [page_u04.html](#)
- [page_u05.html](#)
- [page_u06.html](#)
- [page_u07.html](#)
- [page_u08.html](#)

Exercise document pages

- [exer_u01.html](#)
- [exer_u02.html](#)
- [exer_u03.html](#)
- [exer_u04.html](#)
- [exer_u05.html](#)
- [exer_u06.html](#)
- [exer_u07.html](#)
- [exer_u08.html](#)

Project document pages

- [proj_01.html](#)
- [proj_02.html](#)