

CS2024 FALL 2024 COURSE SCHEDULE

(as of 8/13/24, subject to change)

Tuesdays and Thursdays, 12:20PM – 1:10PM (Statler Hall 265)

Ron DiNapoli, Lecturer

DATE	DESCRIPTION	NOTES
<i>PART I: CLASSIC C++</i>		
Tuesday, 8/27	Lecture #1 – Introduction to C++ Syntax	
Thursday, 8/29	Lecture #2 – Control Statements Assignment #1 given (due 9/4)	
Tuesday, 9/3	Lecture #3—Functions	
Thursday, 9/5	Lecture #4—More Functions/Intro to Classic Arrays Assignment #2 given (due 9/11)	
Tuesday, 9/10	Lecture #5 – Classes, Part I	
Thursday, 9/12	Lecture #6—Pointers and Classic Arrays Assignment #3 given (due 9/18)	
Tuesday, 9/17	Lecture #7—C/C++ Strings, Intro to STL: Vectors	
Thursday, 9/19	Lecture #8—Classes, Part II Assignment #4 given (due 9/25)	
Tuesday, 9/24	Lecture #9—Operator Overloads	
Thursday, 9/26	Catchup Day (no new lecture material) Assignment #5 given (due 10/2)	
Tuesday, 10/1	Lecture #10—Inheritance	
Thursday, 10/3	Lecture #11—Polymorphism Assignment #6 given (due 10/16)	
Tuesday, 10/8	Lecture #12—Exceptions	
Thursday, 10/10	Prelim #1 (Lectures #1-#11)	<i>In class</i>
Tuesday, 10/15	<i>Fall Break</i>	<i>No class</i>
<i>PART II: MODERN C++</i>		
Thursday, 10/17	Prelim Review, Homework 6 Hints Assignment #7 given (due 10/23)	
Tuesday, 10/22	Lecture #13—Basic Stuff in C++11 That Makes our Lives Easier!	
Thursday, 10/24	Lecture #14—Function Pointers and Lambdas Assignment #8 given (due 10/30)	
Tuesday, 10/29	Lecture #15— Standard Template Library I	
Thursday, 10/31	Lecture #16— Custom Template Classes Assignment #9 given (due 11/6)	
Tuesday, 11/5	Lecture #17— Smart Pointers	
Thursday, 11/7	Lecture #18— Casting and STL Algorithms	

	Assignment #10 given (due 11/13)	
Tuesday, 11/12	Lecture #19—lvalue and rvalue references, Move Semantics	
Thursday, 11/14	Lecture #20— Stream I/O and Files Assignment #11 given (due 11/20)	
Tuesday, 11/19	Lecture #21—More on Standard Template Library	
Thursday, 11/21	Lecture #22—Bitwise Operations, More on Streams Assignment #12 given (due 12/4)	
Tuesday, 11/26	Lecture #23 - Multiple Inheritance	
Thursday, 11/28	<i>Thanksgiving Break</i>	<i>No class</i>
Tuesday, 12/3	Prelim #2 (Lectures #12 - #23)	<i>In class</i>
Thursday, 12/5	Prelim #2 Review, Final Thoughts	

CONTACT INFORMATION

Ron DiNapoli, Lecturer
333 Gates Hall
Email: rd29@cornell.edu

MEng TA: TBD
Email: TBD

Undergraduate TA: Abby Kim
Email: ahk89@cornell.edu

Undergraduate TA: Daniel Chuang
Email: dc863@cornell.edu

Undergraduate TA: Roman Chavez
Email: rqc3@cornell.edu

Office Hours: Ron: Tuesdays, 4:30PM - 6:00PM, 333 Gates Hall
Ron: Wednesdays, 5:00PM - 6:00PM, 333 Gates Hall

Course Web Site: <http://www.cs.cornell.edu/courses/cs2024/2024fa> (info)
CMS: <https://cmsx.cs.cornell.edu>
Canvas: <https://canvas.cornell.edu>

Book: *No book required this semester*