

CS2024 FALL 2016 SYLLABUS
(as of 8/22/16, subject to change)

Tuesdays and Thursdays, 12:20PM – 1:10PM 155 Olin Hall
Craig Frey, Lecturer

Date	Description	Notes
Tuesday 8/23	Lecture #1 - Introduction to C++	Chapter 2
Thursday 8/25	Lecture #2 – Introduction to Classes Assignment #1 given (due 8/31)	Chapter 3
Tuesday 8/30	Lecture #3—Control Statements	Chapters 4 & 5
Thursday 9/1	Lecture #4—Functions I Assignment #2 given (due 9/7)	Chapter 6
Tuesday 9/6	Lecture #5—Functions II	
Thursday 9/8	Lecture #6— Arrays and Vectors Assignment #3 given (due 9/14)	Chapter 7
Tuesday 9/13	Lecture #7— Pointers	Chapter 8
Thursday 9/15	Lecture #8—Classes: A Deeper Look Assignment #4 given (due 9/21)	Chapter 9
Tuesday 9/20	Lecture #9—Operator Overloads	Chapter 10 *
Thursday 9/22	Prelim Assignment #5 given (due 9/28)	
Tuesday 9/27	Lecture #10—Inheritance	Chapter 11 *
Thursday 9/29	Lecture #11— Polymorphism Assignment #6 given (due 10/5)	Chapter 12 *
Tuesday 10/4	Lecture #12— Streams	Chapter 13 *
Thursday 10/6	Lecture #13— More on Streams, More on Multiple Inheritance Assignment #7 given (due 10/19)	Chapter 14
Tuesday 10/11	No class, Fall break	
Thursday 10/13	Lecture #14— Containers and Iterators	Chapter 15
Tuesday 10/18	Last drop day	
Tuesday 10/18	Lecture #15—Lambda Expressions and Exceptions	Chapter 16 & 17 *
Thursday 10/20	Lecture #16—Exceptions II and Multiple Inheritance Assignment #8 given (due 10/26)	Chapter 23
Tuesday 10/25	Lecture #17— Class Templates	Chapter 18 *
Thursday 10/27	Lecture #18— More on Templates Assignment #9 given (due 11/2)	Chapter 19 *
Tuesday 11/1	Lecture #8—C Strings, C++ Strings and More about Classes	Chapter 21 *
Thursday 11/3	Lecture #19—Bitwise Operators and Stream Error States Assignment #10 given (due 11/9)	Chapter 22
Tuesday 11/8	Lecture #20—Smart Pointers	

Thursday 11/10	Lecture #21—Miscellaneous Topics Assignment #11 given (due 11/16)	
Tuesday 11/15	Lecture #22— More C++ 11 Standard	
Thursday 11/17	Project presentations Assignment #12 given (due 11/30)	
Tuesday 11/22	Project presentations	
Thursday 11/24	No class, Thanksgiving	
Tuesday 11/29	Project presentations	
Thursday 12/1	Final Thoughts	

* Chapters differ from the 8th edition

CONTACT INFORMATION

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Web Site: <http://www.cs.cornell.edu/courses/cs2024/2016fa> (info)

CMS: <http://cms.csuglab.cornell.edu> (course management)

Piazza:

Book: “C++: How To Program” by Deitel & Deitel (9th edition)