CS2024 FALL 2018 SYLLABUS
(as of 8/22/18, subject to change)

Thursdays and Tuesdays, 12:20PM – 1:10PM 165 Olin Hall
Craig Frey, Lecturer

Date	Description	Notes
Thursday 8/23	Lecture #1 - Introduction to C++ Assignment #1 given (due 8/29)	Chapter 2
Tuesday 8/28	Lecture #2 – Introduction to Classes	Chapter 3
Thursday 8/30	Lecture #3—Control Statements Assignment #2 given (due 9/5)	Chapters 4 & 5
Tuesday 9/4	Lecture #4—Functions I	Chapter 6
Thursday 9/6	Lecture #5—Functions II Assignment #3 given (due 9/12)	
Tuesday 9/11	Lecture #6— Arrays and Vectors	Chapter 7
Thursday 9/13	Lecture #7— Pointers Assignment #4 given (due 9/19)	Chapter 8
Tuesday 9/18	Lecture #8—Classes: A Deeper Look	Chapter 9
Thursday 9/20	Lecture #9—Operator Overloads Assignment #5 given (due 9/26)	Chapter 10 *
Tuesday 9/25	Prelim	
Thursday 9/27	Lecture #10—Inheritance Assignment #6 given (due 10/3)	Chapter 11 *
Tuesday 10/2	Lecture #11— Polymorphism	Chapter 12 *
Thursday 10/4	Lecture #12— Streams	Chapter 13 *
Tuesday 10/9	No class, Fall break – NO assignment over break	
Thursday 10/11	Lecture #13— More on Streams, More on Multiple Inheritance Assignment #7 given (due 10/17)	Chapter 14
Tuesday 10/16	Lecture #14— Containers and Iterators	Chapter 15
Thursday 10/18	Last drop day	
Thursday 10/18	Lecture #15—Lambda Expressions and Exceptions Assignment #8 given (due 10/24)	Chapter 16 & 17 *
Tuesday 10/23	Lecture #16—Exceptions II and Multiple Inheritance	Chapter 23
Thursday 10/25	Lecture #17— Class Templates Assignment #9 given (due 10/31)	Chapter 18 *
Tuesday 10/30	Lecture #18— More on Templates	Chapter 19 *
Thursday 11/1	Lecture #19—C Strings, C++ Strings and More about Classes Assignment #10 given (due 11/7)	Chapter 21 *
Tuesday 11/6	Lecture #20—Bitwise Operators and Stream Error States	Chapter 22

Thursday 11/8	Lecture #21—Smart Pointers Assignment #11 given (due 11/14)	
Tuesday 11/13	Lecture #22—Miscellaneous Topics	
Thursday 11/15	Lecture #23— More C++ 11/14 Standard Assignment #12 given (due 11/28)	
Tuesday 11/20	Project presentations	
Thursday 11/22	No class, Thanksgiving	
Tuesday 11/27	Project presentations	
Thursday 11/29	Project presentations	
Tuesday 12/4	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 (10th edition)