

**CS2024 FALL 2015 SYLLABUS**  
*(as of 8/23/15, subject to change)*

**Tuesdays and Thursdays, 12:20PM – 1:10PM B17 Upson Hall**  
**Craig Frey, Lecturer**

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

Thursday 11/12	Lecture #21—Miscellaneous Topics Assignment #11 given (due 11/18)	
Tuesday 11/17	Lecture #22— More C++ 11 Standard	
Thursday 11/19	Project presentations Assignment #12 given (due 12/2)	
Tuesday 11/24	Project presentations	
Thursday 11/26	No class, Thanksgiving	
Tuesday 12/1	Project presentations	
Thursday 12/3	Final Thoughts	

\* Chapters differ from the 8th edition

#### CONTACT INFORMATION

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Web Site: <http://www.cs.cornell.edu/courses/cs2024/2015fa> (info)

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

Piazza:

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