

CS2024 FALL 2009 SYLLABUS

(as of 8/25/09, subject to change)

Tuesdays & Thursdays, 12:20PM – 1:10PM 165 Olin Hall
Ron DiNapoli, Lecturer

DATE	DESCRIPTIONS	
Thursday, 8/27	Lecture #1 – Introduction to C++ Assignment #1 given (due 9/2)	Chapter 3
Tuesday, 9/1	Lecture #2 –Introduction to Classes	Chapter 4
Thursday, 9/3	Lecture #3 – Control Statements Assignment #2 given (due 9/9)	Chapters 5,6
Tuesday, 9/8	Lecture #4 – Functions I	Chapter 7
Thursday, 9/10	Lecture #5 – Functions II Assignment #3 given (due 9/16)	Chapter 7
Tuesday, 9/15	Lecture #6 – Pointers	Chapter 9
Thursday, 9/17	Lecture #7 – Arrays Assignment #4 given (due 9/23)	Chapter 8
Tuesday, 9/22	Lecture #8 – C Strings, C++ Strings and More About Classes	
Thursday, 9/24	Lecture #9 – Classes: A Deeper Look Assignment #5 given (due 9/30)	Chapter 11
Tuesday, 9/29	Lecture #10 – Operator Overloads	Chapter 12
Thursday, 10/1	Lecture #11 – Inheritance Assignment #6 given (due 10/14)	Chapter 13
Tuesday, 10/6	Lecture #12 – Polymorphism	Chapter 4
Thursday, 10/8	Prelim #1	<i>in class</i>
Tuesday, 10/13	Fall Break	<i>no class</i>
Thursday, 10/15	Lecture #13 – More on Templates Assignment #7 given (due 10/21)	Chapter 15
Tuesday, 10/20	Lecture #14 – Class Templates	Chapter 15
Thursday, 10/22	Lecture #15 – Exceptions Assignment #8 given (due 10/28)	Chapter 16
Tuesday, 10/27	Lecture #16 – Exceptions II and Multiple Inheritance	Chapter 16
Thursday, 10/29	Lecture #17—Streams Assignment #9 given (due 11/4)	Chapter 17
Tuesday, 11/3	Lecture #18 – More on Streams, More on Multiple Inheritance	
Thursday, 11/5	Lecture #19 – Bitwise Operators and Stream Error States Assignment #10 given (due 11/11)	
Tuesday, 11/10	Lecture #20 – Standard Template Library	Chapter 23

Thursday, 11/12	Lecture #21 – Miscellaneous Topics Assignment #11 given (due 11/18)	
Tuesday, 11/17	Lecture #22 – Casting	
Thursday, 11/19	Lecture #23 – TBD Assignment #12 given (due 12/3)	
Tuesday, 11/24	Prelim #2	<i>in class</i>
Thursday, 11/26	Thanksgiving Break	<i>no class</i>
Tuesday, 12/1	Prelim Review	
Thursday, 12/3	Final Thoughts	

CONTACT INFORMATION:

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Course Web Site: <http://www.cs.cornell.edu/courses/cs2024/2009fa> (course info)
 CMS : <http://cscms.cit.cornell.edu> (course management)

Book: “Visual C++ 2008: How To Program” by Deitel & Deitel (2nd ed)