

CS2024 FALL 2011 SYLLABUS

(as of 8/25/11, subject to change)

Tuesdays & Thursdays, 12:20PM – 1:10PM 101 Phillips Hall
Ron DiNapoli, Lecturer

DATE	DESCRIPTIONS	
Thursday, 8/25	Lecture #1 – Introduction to C++ Assignment #1 given (due 8/31)	Chapter 2
Tuesday, 8/30	Lecture #2 – Introduction to Classes	Chapter 3
Thursday, 9/1	Lecture #3 – Control Statements Assignment #2 given (due 9/7)	Chapters 4,5
Tuesday, 9/6	Lecture #4 – Functions I	Chapter 6
Thursday, 9/8	Lecture #5 – Functions II Assignment #3 given (due 9/14)	Chapter 6
Tuesday, 9/13	Lecture #6 – Pointers	Chapter 8
Thursday, 9/15	Lecture #7 – Arrays Assignment #4 given (due 9/21)	Chapter 7
Tuesday, 9/20	Lecture #8 – C Strings, C++ Strings and More About Classes	
Thursday, 9/22	Lecture #9 – Classes: A Deeper Look Assignment #5 given (due 9/28)	Chapter 9
Tuesday, 9/27	Lecture #10 – Operator Overloads	Chapter 11
Thursday, 9/29	Lecture #11 – Inheritance Assignment #6 given (due 10/12)	Chapter 12
Tuesday, 10/4	Lecture #12 – Polymorphism	Chapter 13
Thursday, 10/6	Prelim #1	<i>in class</i>
Tuesday, 10/11	Fall Break	<i>no class</i>
Thursday, 10/13	Lecture #13 – More on Templates Assignment #7 given (due 10/19)	Chapter 14
Tuesday, 10/18	Lecture #14 – Class Templates	Chapter 14
Thursday, 10/20	Lecture #15 – Exceptions Assignment #8 given (due 10/26)	Chapter 16
Tuesday, 10/25	Lecture #16 – Exceptions II and Multiple Inheritance	Chapter 16
Thursday, 10/27	Lecture #17—Streams Assignment #9 given (due 11/2)	Chapter 15
Tuesday, 11/1	Lecture #18 – More on Streams, More on Multiple Inheritance	
Thursday, 11/3	Lecture #19 – Bitwise Operators and Stream Error States Assignment #10 given (due 11/9)	
Tuesday, 11/8	Lecture #20 – Standard Template Library	Chapter 22

Thursday, 11/10	Lecture #21 – Miscellaneous Topics Assignment #11 given (due 11/16)	
Tuesday, 11/15	Lecture #22 – Casting	
Thursday, 11/17	Lecture #23 – TBD Assignment #12 given (due 12/2)	
Tuesday, 11/22	Prelim #2	<i>in class</i>
Thursday, 11/24	Thanksgiving Break	<i>no class</i>
Tuesday, 11/29	Prelim Review, differences between C and C++	
Thursday, 12/1	Final Thoughts	

CONTACT INFORMATION:

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Office Hours: Upson 4154, 4-5PM Wednesdays (subject to change)
 Course Web Site: <http://www.cs.cornell.edu/courses/cs2024/2011fa> (course info)
 CMS : <http://cms.csuglab.cornell.edu> (course management)

Book: “C++: How To Program” by Deitel & Deitel (8th ed)