CS2024 FALL 2017 SYLLABUS
(as of 8/17/17, subject to change)

Tuesdays and Thursdays, 12:20PM – 1:10PM Olin Hall 155
Ron DiNapoli, Lecturer

DATE	DESCRIPTIONS	NOTES
Tuesday, 8/22	Lecture #1 – Introduction	Chapter 1
Thursday, 8/24	Lecture #2 – Input/Output and Operators Assignment #1 given (due 8/30)	Chapter 2
Tuesday, 8/29	Lecture #3 – Introduction to Classes	Chapter 3
Thursday, 8/31	Lecture #4—Control Statements Assignment #2 given (due 9/6)	Chapters 4,5
Tuesday, 9/5	Lecture #5—Functions I	Chapter 6
Thursday, 9/7	Lecture #6—Functions II Assignment #3 given (due 9/13)	Chapter 6
Tuesday, 9/12	Lecture #7—Functions III	Chapter 6
Thursday, 9/14	Lecture #8—Arrays and Vectors Assignment #4 given (due 9/20)	Chapter 7
Tuesday, 9/19	Lecture #9—Pointers	Chapter 8
Thursday, 9/21	Lecture #10—Classic Arrays and Pointer Arithmetic Assignment #5 given (due 9/27)	Chapter 8
Tuesday, 9/26	Lecture #11—Classes: A Deeper Look	Chapter 9
Thursday, 9/28	Lecture #12—Operator Overloads Assignment #6 given (due 10/11)	Chapter 10
Tuesday, 10/3	Lecture #13—Inheritance	Chapter 11
Thursday, 10/5	Prelim #1	*In class*
Tuesday, 10/10	*No class, Fall break*	*No Class*
Thursday, 10/12	Lecture #14—Polymorphism Assignment #7 given (due 10/18)	Chapter 12
Tuesday, 10/17	Lecture #15—Stream I/O	Chapter 13
Thursday, 10/19	Lecture #16—File Processing Assignment #8 given (due 10/25)	Chapter 14
Tuesday, 10/24	Lecture #17—Standard Template Library	Chapter 15
Thursday, 10/26	Lecture #18—Standard Library Algorithms Assignment #9 given (due 11/1)	Chapter 16
Tuesday, 10/31	Lecture #19—Exceptions	Chapter 17
Thursday, 11/2	Lecture #20—Custom Templates Assignment #10 given (due 11/8)	Chapter 18
Tuesday, 11/7	Lecture #21—Custom Templatized Data Structures	Chapter 19
Thursday, 11/9	Lecture #22—Searching and Sorting Assignment #11 given (due 11/15)	Chapter 20

Tuesday, 11/14	Lecture #23—String and String Stream Processing	Chapter 21
Thursday, 11/16	Lecture #24—Bits, Characters and C Strings Assignment #12 given (due 11/29)	Chapter 22
Tuesday, 11/21	Prelim #2	*In class*
Thursday, 11/23	*No class, Thanksgiving break*	*No class*
Tuesday, 11/28	Prelim Review, C++11/C++14	
Thursday, 11/30	C++11, C++14, Final Thoughts	

CONTACT INFORMATION

Ron DiNapoli, Lecturer
Email: rd29@cornell.edu

TA: Darpan Kalra
Email: dk557@cornell.edu

Consultants:
Shumei Guan – sg738@cornell.edu
Siva Somayyajula – sks266@cornell.edu

Office Hours: Mondays (TBD) (Darpan)
                     Tuesdays, 4-6PM (tentative), 347 Gates Hall (Ron)
                     Wednesdays (TBD) (Darpan)

Course Web Site: http://www.cs.cornell.edu/courses/cs2024/2017fa (info)
CMS: http://cms.csuglab.cornell.edu (course management)

Book: "C++: How To Program" by Deitel & Deitel (10th edition)