

CS2024 FALL 2019 SYLLABUS
(as of 9/4/19, subject to change)

Tuesdays and Thursdays, 12:20PM – 1:10PM Statler Auditorium (185)
Ron DiNapoli, Lecturer

DATE	DESCRIPTIONS	NOTES
Thursday, 8/29	Lecture #1 – Introduction Assignment #1 given (due 9/4)	Chapter 1
Tuesday, 9/3	Lecture #2 – Input/Output and Operators	Chapter 2
Thursday, 9/5	Lecture #3 – Introduction to Classes Assignment #2 given (due 9/11)	Chapter 3
Tuesday, 9/10	Lecture #4—Control Statements	Chapters 4,5
Thursday, 9/12	Lecture #5—Functions I Assignment #3 given (due 9/18)	Chapter 6
Tuesday, 9/17	Lecture #6—Functions II	Chapter 6
Thursday, 9/19	Lecture #7—Functions III Assignment #4 given (due 9/25)	Chapter 6
Tuesday, 9/24	Lecture #8—Arrays and Vectors	Chapter 7
Thursday, 9/26	Lecture #9—Pointers Assignment #5 given (due 10/2)	Chapter 8
Tuesday, 10/1	Lecture #10—Classic Arrays and Pointer Arithmetic	Chapter 8
Thursday, 10/3	Lecture #11—Classes: A Deeper Look Assignment #6 given (due 10/16)	Chapter 9
Tuesday, 10/8	Lecture #12—Operator Overloads	Chapter 10
Thursday, 10/10	Prelim #1	<i>In class</i>
Tuesday, 10/15	<i>No class, Fall break</i>	<i>No Class</i>
Thursday, 10/17	Lecture #13—Inheritance Assignment #7 given (due 10/23)	Chapter 11
Tuesday, 10/22	Prelim #1 Review	
Thursday, 10/24	Lecture #14—Polymorphism Assignment #8 given (due 10/30)	Chapter 12
Tuesday, 10/29	Lecture #15—Stream I/O	Chapter 13
Thursday, 10/31	Lecture #16—File Processing Assignment #9 given (due 11/6)	Chapter 14
Tuesday, 11/5	Lecture #17—Standard Template Library	Chapter 15
Thursday, 11/7	Lecture #18—Exceptions Assignment #10 given (due 11/13)	Chapter 17
Tuesday, 11/12	Lecture #19—Custom Templates	Chapter 18
Thursday, 11/14	Lecture #20—Multiple Inheritance Assignment #11 given (due 11/20)	Chapter 23 (web)
Tuesday, 11/19	Lecture #21—Casting and STL Algorithms	Chapter 16

Thursday, 11/21	Lecture #22—Smart Pointers Assignment #12 given (due 12/4)	Chapter 24 (web)
Tuesday, 11/26	Lecture #23—Function Pointers and Lambdas	Chapter 16 (16.3)
Thursday, 11/28	<i>No class, Thanksgiving break</i>	<i>No class</i>
Tuesday, 12/3	Lecture #24—Bitwise Operations and other Miscellaneous topics	<i>In class</i>
Thursday, 12/5	Prelim #2	
Tuesday, 12/10	Prelim #2 Review, Final Thoughts	

CONTACT INFORMATION

Ron DiNapoli, Lecturer
Email: rd29@cornell.edu

MEng TA: Vignesh Rao
Email: vnr7@cornell.edu

Undergrad TA/Consultants:
Kaitlyn Li – kml284@cornell.edu
Bryant Lee – bl692@cornell.edu

Office Hours: Tuesdays, 4-6PM, 441B Gates Hall (Ron)
 Tuesdays, 6-7:30PM, 576 Rhodes Hall (Vignesh)

 Wednesdays, 3:30-5PM, 584 Rhodes Hall (Vignesh)
 Wednesdays, 7-8:30PM, 441B Gates Hall (Ron)

Course Web Site: <http://www.cs.cornell.edu/courses/cs2024/2019fa> (info)
CMS: <http://cms.csuglab.cornell.edu> (course management)
Piazza: <https://piazza.com/class#fall2019/cs2024>

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