

CS202: Course Plan

Fall 2020

(The following dates are subject to change!)

Date	Topic #	Required Videos to Watch(*)	Reading Assigned	Linux Manual (outside of lab)	Lab Performed
Week #1 Sept 28-Oct 2	<ul style="list-style-type: none"> • Introduction, Syllabus • Topic #1 - OOP 	Topic #1 Part I, II	(Review Prata 1-8) Prata Ch 10	Linux #3.1	CS202 Lab #1
Week #2 Oct 5-9	<ul style="list-style-type: none"> • Topic #3 – Inheritance • Topic #3 – Copy Constructors 	Topic #3 Part I, II Topic #3 Part III, IV	Prata Ch 13-14	Linux #3.2	CS202 Lab #2
Week #3 Oct 12-16	<ul style="list-style-type: none"> • Topic #4 – Dynamic Binding • Topic #4 – Dynamic Binding 	Topic #4 Part I, II Topic #4 Part III, IV	Prata Ch 13	Linux #3.3	CS202 Lab #3
Week #4 Oct 19-23	<ul style="list-style-type: none"> • Topic #4 – Abstract Base Class, RTTI, User Defined Conversions, • Midterm #1 on 10/22 	Topic #4 Part V, VI, VII		Linux #3.4	CS202 Lab #4
Week #5 Oct 26-30	<ul style="list-style-type: none"> • Topic #5 – Exception Handling • Topic #6 – Operator Overloading • Midterm Demos 10/28-10/30 	Topic #5 Video Topic #6 Part I Video	Prata Ch 15, 9	Linux #3.5	CS202 Lab #5
Week #6 Nov 2-6	<ul style="list-style-type: none"> • Topic #6 – Operator Overloading • Topic #6 – With Hierarchies 	Topic #6 Part II, III, IV	Prata Ch 11	Linux #3.6	CS202 Lab #6
Week #7 Nov 9-13	<ul style="list-style-type: none"> • Topic #8 – Learning Languages • Topic #8 – Java and Recursion 	Topic #8 Part I, II Topic #8 Part III, IV, V	Eckel: 1-3	Linux #3.7	CS202 Lab #7
Week #8 Nov 16-20	<ul style="list-style-type: none"> • Topic #8 – Analyzing Solutions • Midterm #2 on 11/19 	Topic #8 OOP Parts I,II	Eckel: 4-9	Linux #3.8	CS202 Lab #8
Week #9 Nov 23-25	<ul style="list-style-type: none"> • Topic #7 – Friends, Nesting, Static • No lecture 11/26 - HOLIDAY 	Topic #7 Part I	Eckel: Generics		NO LAB (PSU is CLOSED)
Week #10 Nov 30-Dec 4	<ul style="list-style-type: none"> • Topic #7 – Templates • Prepare for Final Exam • Final proficiency demos 12/4-12/10 	Topic #7 Part II		Linux #3 Review	CS202 Lab #10

(*) Videos **must** be watched **prior** to the live streaming sessions