PIC 10C/1 Schedule: Sept - Dec 2020

Week	Day	Plan
0	Fri (Oct 2)	start "Modern C++ and Basic Data Structures"
1	Mon (Oct 5)	"Modern C++ and Basic Data Structures"
	Wed (Oct 7)	"Modern C++ and Basic Data Structures"
	Fri (Oct 9)	finish "Modern C++ and Basic Data Structures"
		HW1 (Templated Maximum Heap) due by 6 pm
2	Mon (Oct 12)	start "Command Line and Filesystem"
	Wed (Oct 14)	"Command Line and Filesystem"
	Fri (Oct 16)	finish "Command Line and Filesystem"
		HW2 (Templated Binary Search Tree) due by 6 pm
3	Mon (Oct 19)	start "Simple and Fast Media Library (SFML)"
	Wed (Oct 21)	"Simple and Fast Media Library (SFML)"
	Fri (Oct 23)	"Simple and Fast Media Library (SFML)"
		HW3 (Plagiarism Detector — Longest Common Subsequence) due by 6 pm
4	Mon (Oct 26)	finish "Simple and Fast Media Library (SFML)"
	Wed (Oct 28)	start "Advanced Data Structures and Algorithms"
	Fri (Oct 30)	"Advanced Data Structures and Algorithms"
		HW4 (SFML Intro Program) due by 6 pm
5	Mon (Nov 2)	"Advanced Data Structures and Algorithms"
	Wed (Nov 4)	finish "Advanced Data Structures and Algorithms"
	Fri (Nov 6)	start "Template Metaprogramming"
		HW5 (Templated Red Black Tree) due by 6 pm
6	Mon (Nov 9)	"Template Metaprogramming"
		Midterm
	Wed (Nov 11)	*Holiday*
	Fri (Nov 13)	"Template Metaprogramming"
		HW6 (SFML Epidemiology Visualization) due by 6 pm
7	Mon (Nov 16)	finish "Template Metaprogramming"
	Wed (Nov 18)	start "Advanced Class Design and Optimization"
	Fri (Nov 20)	"Advanced Class Design and Optimization"
		HW7 (Logistic Regression) due by 6 pm
8	Mon (Nov 23)	"Advanced Class Design and Optimization"
	Wed (Nov 25)	finish "Advanced Class Design and Optimization"
		HW8 (Templated Deque with Specialization) due by 6 pm
	Fri (Nov 27)	*Holiday*
9	Mon (Nov 30)	start "Asynchronous Processes"
	Wed (Dec 2)	"Asynchronous Processes"
	Fri (Dec 4)	finish "Asynchronous Processes"
		HW9 (C++-Web Messenger) due by 6 pm
10	Mon (Dec 7)	TBD
	Wed (Dec 9)	TBD
		HW10 (SFML Game) due by 6 pm
	Fri (Dec 11)	TBD
Exams	Tues (Dec 15)	FINAL EXAM

The **midterm and exam dates are final.** The homework dates are final unless there are exceptional circumstances in which case the date will change for the entire class.

The lecture schedule is *very approximate.*