

# Fundamentals of Programming I (CPTR 141)

## Class Schedule (Spring 2021) revised

W	Day	Topic	Reading	Assign.	Quiz	Project
1	M	Course Introduction and software setup				
	W	Server not working				
	R	Server not working				
	F	Server not working				
2	M	POGIL #1: Introduction to C++	1			
	W	Lecture #1: Formatting and Debugging				
	R	POGIL #2: Arithmetic Operations and Assignment	2.a	hw01		
	F	Lecture #2: Numeric Variables				
3	M	POGIL #3: LEGO Algorithms				
	W	Lecture #3: Other Variable Types	2.b	Hw02		
	R	POGIL #4: Variables and Type			Arithmetic	
	F	Lecture #4: CMath and Random Functions	2.c	Hw03		
4	M	POGIL #5: Boolean Expressions				
	W	Lecture #5: Boolean Expressions	3.a	Hw04		
	R	POGIL #6: If-Else Statements			Variables	
	F	Lecture #6: Branching	3.b	Hw05		
5	M	POGIL #7: While Loops				
	W	Lecture #7: Iteration	4.a	Hw06		
	R	POGIL #8: For Loops			Branching	PI
	F	Lecture #8: Selecting Loops	4.b			
6	M	POGIL #9: Nested Loops		Hw07		
	W	Lecture #9: Coding Projects and Code Review				
	R	POGIL #10: Vectors	5		Loops	
	F	Lecture #10: Using Vectors		Hw08		
7	M	POGIL #11: Void Functions				
	W	Lecture #11: Introduction to Functions	6.a	Hw09		
	R	POGIL #12: Value-Returning Functions			Vectors	
	F	Lecture #12: Testing Functions	6.b	Hw10		
8	M	POGIL #13: Parameter Passing				
	W	Lecture #13: Function Parameters	6.c	Hw11		
	R	POGIL #14: Scope				PII
	F	Lecture #14: Variable Scope	6.d	Hw12		
9	M	POGIL #15: Code Formatting				
	W	Lecture #15: Arrays vs. Vectors	7.a	Hw13		
	R	POGIL #16: Two-Dimensional Arrays			Functions	
	F	Lecture #16: Two Dimensional Arrays	7.b	Hw14		
10	M	POGIL #17: Reading from Files				
	W	Lecture #17: File Input/Output	8.a	Hw15		
	R	POGIL #18: Writing to Files			Arrays	
	F	Catch-up				PIII