

CSC/CYEN 131: The Science of Computing II

Last updated:

23 Jan 2017

Lessons		Raspberry Pi Activities	Puzzles	Videos	Assessments
WEEK 1	1	Housekeeping			
	2	Number Systems and Binary Arithmetic	Oddball Sum -- AB + BA = CDC	Ira Glass on Storytelling	
	3				
WEEK 2	4				
	5		Pi Activity 1: My Binary Addition		
	6	Computer Programming in Python			
WEEK 3	7				
	8				Exam 1: Number Systems and Binary Arithmetic
	9	Computer Programming in Python	Alphabet Equation -- How Many Zeros?	Slomo	Exam 1 Review
WEEK 4	10		Computer Programming in Python		
	11				Program 1: How Many Zeros?
	12				
WEEK 5	13	Chaos			
	14		Pi Activity 2: My Binary Addition...Reloaded		Program 2: Project Euler Problems 1 and 2
	15	Chaos, Recursion	Various Sequences -- The Look and Say Sequence	The Singularity	

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WEEK 6	16	Recursion			Program 3: Project Euler Problems 3 and 4
	17	The Object Oriented Paradigm			
	18				
WEEK 7	19				Exam 2: Computer Programming in Python, Chaos, Recursion
	20	The Object Oriented Paradigm	Birthday of Three Sons -- Three Switches and a Bulb		Exam 2 Review
	21				
WEEK 8	22		Pi Activity 3: Room Adventure		Program 4: Project Euler Problems 5 through 8
	23	The Object Oriented Paradigm			
	24		Mary's Siblings -- Jar of Marbles	Kara -- Detroit: Become Human	
WEEK 9	25	The Object Oriented Paradigm, High Level Data Structures			Program 5: Fraction Enhance
	26	High Level Data Structures			
	27		Pi Activity 4: Simon		
WEEK 10	28				
	29				Exam 3: The Object Oriented Paradigm, High Level Data Structures
	30	SLACK			