

CSC/CYEN 131: The Science of Computing II

Last updated:

13 Mar 2018

		Lessons	Raspberry Pi Activities	Puzzles	Videos	Assessments	
WEEK 1	1	Housekeeping		Alphabet Equation – How Many Zeros?	Ira Glass on Storytelling		W
	2	More Python				Program 1 How Many Zeros?	F
	3						M
WEEK 2	4	The Object Oriented Paradigm				Program 2 Sort Comparisons and Swaps	W
	5					F	
	6						M
WEEK 3	7	The Object Oriented Paradigm				Program 3 A Simple Vehicle Class	W
	8			Oddball Sum – AB + BA = CDC	Stomo	F	
	9		Pi Activity 1 Room Adventure				M
WEEK 4	10	The Object Oriented Paradigm				Program 4 Fraction Enhance	W
	11					F	
	12					Exam 1 More Python The Object Oriented Paradigm	M
WEEK 5	13	Number Systems and Binary Arithmetic					W
	14					F	
	15				Mary's Siblings – Jar of Marbles	Kara – Detroit: Become Human	Program 5 A Simple Vehicle Class...Reloaded

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WEEK 6	16		Pi Activity 2 My Binary Addiction				F	
	17					Exam 2 Number Systems and Binary Arithmetic	M	
	18	Beam Graphical User Interfaces					W	
WEEK 7	19	Chaos					F	
	20			Various Sequences – The Look and Say Sequence	The Singularity	Program 6 A Foolproof Game	M	
	21		Pi Activity 3 The Reckoner				W	
WEEK 8	22	Recursion					F	
	23					M		
	24	High Level Data Structures		Birthday of Three Sons – Three Switches and a Bulb		Program 7 Sort Comparisons and Swaps...Reloaded	W	
WEEK 9	25	High Level Data Structures					F	
	26					Exam 3 Chaos Recursion High Level Data Structures	F	
	27		Pi Activity 4 Simon				M	
WEEK 10	28		Pi Activity 4 Simon				W	
	29	SLACK						F
	30	SLACK						M