CSC/CYEN 132: The Science of Computing III

Last updated:

24 Apr 2017

		Lessons	Raspberry Pi Activities	Puzzles	Videos	Assessments
WEEK 1	1	Housekeeping				
	2	More on Data Structures				Program 1: 2D Points
	3			Eight Queens -- Knight's Tour	Microsoft HoloLens	
WEEK 2	4	More on Objects				
	5					
	6	Beam: Graphical User Interfaces				Program 2: 2D Points...Plotted
WEEK 3	7	More on Objects				
	8		Pi Activity 1: Room Adventure...Revolutions			
	9	More on Objects	Final Pi Project (introduction)			Program 3: The Chaos Game
WEEK 4	10	Building a Computer				Exam 1 Review
	11					Exam 1: More on Data Structures, More on Objects, Graphical User Interfaces
	12	Building a Computer		Nonogram -- Nonograms!	The Backwards Brain Bicycle	
WEEK 5	13	Building a Computer				Program 4: The Chaos Game Rainbow
	14					
	15		Pi Activity 2: Paper Piano			

CSC/CYEN 132: The Science of Computing III

Last updated:

24 Apr 2017

		Lessons	Raspberry Pi Activities	Puzzles	Videos	Assessments
WEEK 6	16		Pi Activity 2: Paper Piano			
	17	Building a Computer				Exam 2 Review
	18					Exam 2: Building a Computer
WEEK 7	19	Beam: Problem Solving with Computers				
	20	Beam: Software Engineering				
	21		Final Pi Project	Einstein's Puzzle		
WEEK 8	22	Algorithms...Reloaded				
	23					
	24		Final Pi Project			
WEEK 9	25	Algorithms...Reloaded			The Expert	
	26	Beam: Artificial Intelligence			MarI/O: Machine Learning for Video Games	
	27		Final Pi Project (Cyber Storm)			Exam 3 Review (optional)
WEEK 10	28					Exam 3: Algorithms...Reloaded, Beams
	29		Final Pi Project (presentations)			
	30	**SLACK**				