CSC/CYEN 132: The Science of Computing III

		Lessons	Raspberry Pi Activities	Puzzles	Videos	Assessments	Assessments Due	Approximate Dates
WEEK 1	1	Housekeeping	Final Pi Project (introduction)					Wed 13th March
WEEK 1	2	Beam Software Engineering				Program 1 2D Points		Fri 15th March
WEEK 1	3	More on Objects		Eight Queens -- Knight's Tour	Microsoft HoloLens			Mon 18th March
WEEK 2	4	More on Objects					Program 1 2D Points	Wed 20th March
WEEK 2	5	More on Objects				Program 2 2D Points...Plotted		Fri 22nd March
WEEK 2	6	More on Objects						Mon 25th March
WEEK 3	7	More on Data Structures					Program 2 2D Points...Plotted	Wed 27th March
WEEK 3	8	More on Data Structures				Program 3 The Chaos Game	Project write up due	Fri 29th March
WEEK 3	9		Pi Activity 1 Room Adventure...Revolutions					Mon 1st April
WEEK 4	10	Building a Computer				Exam 1 More on Data Structures More on Objects		Wed 3rd April
WEEK 4	11	Building a Computer					Program 3:The Chaos Game, Final Project write up approval	Fri 5th April
WEEK 4	12	Building a Computer		Nonogram -- Nonograms!	The Backwards Brain Bicycle	Program 4 Shapes		Mon 8th April
WEEK 5	13	Building a Computer						Wed 10th April
WEEK 5	14	Building a Computer					Program 4: Shapes, Pi Activity 1 Room Adventure...Revolutions	Fri 12th April
WEEK 5	15	Building a Computer						Mon 15th April

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WEEK 6	16					Exam 2 Building a Computer		Wed 17th April
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	17		Pi Activity 2 Paper Piano					Wed 24th April
	18							Fri 26th April
WEEK 7	19	Beam Problem Solving with Computers				Program 5 The Chaos Game...Reloaded		Mon 29th April
	20		Final Pi Project	Einstein's Puzzle				Wed 1st May
	21	Algorithms...Reloaded						Fri 3rd May (last day to drop)
WEEK 8	22						Pi Activity 2 Paper Piano	Mon 6th May
	23		Final Pi Project				Demo / Feedback	Wed 8th May
	24	Algorithms...Reloaded			The Expert		Program 5 The Chaos Game...Reloaded	Fri 10th May
WEEK 9	25	Beam Artificial Intelligence			MarI/O: Machine Learning for Video Games -or- How Machines Learn			Mon 13th May
	26		Final Pi Project					Wed 15th May
	27					Final Pi Project debrief Exam 3 review		Fri 17th May
WEEK 10	28					Exam 3 Algorithms...Reloaded Beams		Mon 20th May
	29		**SLACK**					Wed 22nd May
	30							Fri 24th May

Note: The beam on Software Engineering must be covered due to its material being required knowledge. Although the beam on Problem Solving with Computers is useful for students, the remaining beams can be replaced with others (based on instructor expertise and interest) as desired.