

**3B Python Programming Part 2****Trainer :** Dan Chalk

<i>From</i>	<i>To</i>	<i>Format</i>	<i>Name of Activity</i>	<i>Link (if applicable)</i>
0930	0935	Live Lecture (Zoom)	Introduction	
0935	1005	Group Exercise (Jupyter Lab)	Exercise 1 (Warm Up) – Workbook (python_prog_workbook_4)	
1005	1015	Group Discussion (Zoom)	Sharing Exercise 1 solutions	
1015	1030	Live Lecture (Zoom)	Functions and Exception Handling	
1030	1110	Individual Exercise (Jupyter Lab)	Exercise 2 – Workbook (python_prog_workbook_5)	
1110	1120	Comfort Break		
1120	1125	Group Discussion (Zoom)	Exercise 2 Solutions	
1125	1140	Live Lecture (Zoom)	File Reading and Writing	
1140	1225	Individual Exercise (Spyder)	Exercise 3	
1225	1230	Group Discussion (Zoom)	Exercise 3 Solution	
1230	1330	LUNCH BREAK		
1330	1415	Live Lecture (Zoom)	NumPy	
1415	1445	Individual Exercise (Spyder)	Exercise 4	
1445	1450	Group Discussion (Zoom)	Exercise 4 Solution	
1450	1500	Comfort Break		
1500	1530	Live Lecture (Zoom)	Pandas	
1530	1600	Individual Exercise (Spyder)	Exercise 5	
1600	1605	Group Discussion (Zoom)	Exercise 5 Solution	
1605	1630	Further Reading	Topics 23, 25, 29, 30, 31, 33 and 109 on pythonhealthcare.org	<a href="https://pythonhealthcare.org/numpy-and-pandas/">https://pythonhealthcare.org/numpy-and-pandas/</a>
		FURTHER WORK		
		Further Reading	Continue Further Reading above until completion	<a href="https://pythonhealthcare.org/numpy-and-pandas/">https://pythonhealthcare.org/numpy-and-pandas/</a>