## **1F Python Programming Part 2**

Trainer: Dan Chalk

Total Time: 360

Time Format Name of Activity

25 Live Lecture Functions

40 Exercise Exercise 1 - 1f\_1 notebook

10 Comfort Break

25 Live Lecture Exception Handling and .csv file Reading and Writing

30 Exercise Exercise 2 - 1f\_2 notebook

5 Comfort Break

45 Live Lecture NumPy

LUNCH

10 Live Lecture NumPy speed demo

30 Exercise Exercise 3 - NumPy exercise

45 Live Lecture Pandas

10 Comfort Break

35 Exercise Exercise 4 - Pandas Pop 40 Exercise Group Coding Competition 2

10 Group Discussion Presentation and Judging of Coding Competition Entries