

Automating Experimental Work and Data Logging using the Raspberry Pi

A short Course Sponsored by EnvEast Enterprise and Innovation (E3i)

Organisers: Gillian Damerell (ENV) and Mark Fisher (CMP)

Programme

11 January 2017

09:00 - 09:30	Registration	Lewin Laboratory – (Lawrence Stenhouse Building 01.103)	Mark Fisher
09:30 - 10:30	Introduction to the Raspberry Pi and Raspbian	SCI 3.05	Adam Ziolkowski
10:30 – 11:00	Coffee	D’Arcy Thompson Room	
11:00- 12:00	GPIO Interface	SCI 3.05	Mark Fisher
12:00 – 13:00	Python I	SCI 2.27	Geoffrey French
13:00 - 14:00	Lunch	Various campus food outlets.	
14:00 - 17:00	Practical Session I	Lewin Laboratory	Michael Price Mark Fisher Adam Ziolkowski Geoffrey French

13 January 2017

09:30 - 10:30	Python II	SCI 2.27	Geoffrey French
10:30 - 11:00	Coffee	D’Arcy Thompson Room	
11:00 - 12:00	Basic Electronics	SCI 3.05	Stephen Cox
12:00 - 13:00	Signal Acquisition	SCI 3.05	Stephen Cox
13:00 - 14:00	Lunch	Various campus food outlets.	
14:00 - 17:00	Practical Session II	Lewin Laboratory	Mark Fisher Adam Ziolkowski Geoffrey French Stephen Cox

Login Information

Username: user1

Password: user1P4ssw0rd

Course Material

<https://github.com/markhenryfisher/Raspberry-Pi-Interface-Course>