School of

Engineering and Computer Science

Te Kura Mātai Pūkaha, Pūrorohiko

CYBR 171 T1 2023

Ngā whakapūtanga o Te Haumaru rorohiko
Cybersecurity Fundamentals

Recap Lecture #1

Learning objectives

- Know how to navigate the University systems.
- Elect THREE class representatives.
- Explain the changes to the tutorials announced in
- via Blackboard this morning and how to attend.
- Preview the content and structure of lab 1.
- Provide an overview of the tools needed to
- access our servers to complete the labs.
- Answer any other questions you have.

PART I:
Navigating the University systems

Websites

- The University has its own computer system using your student ID to access:
  - https://www.wgtn.ac.nz/
  - https://nuku.wgtn.ac.nz/
  - PCs in the **library**, **hub** etc.

- Engineering and Computer Science also has specialised computers and services, use your ECS ID to access:
  - https://ecs.wgtn.ac.nz/Main/
  - https://ecs.wgtn.ac.nz/Courses/CYBR171_2023T1/
  - PCs in our **laboratories** and our **servers**

Nuku versus ECS website

- Nuku:
  - Announcements
  - Vstream videos
  - Discussion forum
  - Links to resources on the ECS course website
- ECS course website
  - https://ecs.wgtn.ac.nz/Courses/CYBR171_2023T1/
  - Everything else
  - Video links link back to Vstream

DEMONSTRATION TIME!

PART II:

Changes to tutorials and how to attend

Changes to tutorial

- You can now sign up for helpdesk

Time	Mon	Tue	Wed	Thu	Fri
9:00 - 10:00					
10:00 - 11:00					
11:00 - 12:00	CYBR 171 Lecture (MCLT 103)	CYBR 171 Lecture (MCLT 103)	T06	CYBR 171 Lecture (MCLT 103)	T09
12:00 - 13:00					
13:00 - 14:00	T01 (Zoom)			T07	
14:00 - 15:00		T03 (Zoom)			T10
15:00 - 16:00		T04 (Zoom)		T08	
16:00 - 17:00	T02	T05	T11	T12	T13
17:00 - 18:00					
18:00 - 19:00	100-level Workshop 6:00-8:00pm AM104		100-level Workshop 6:00-8:00pm AM104	100-level Workshop 6:00-7:00pm ZOOM (https://vuw.zoom.us/my/engrworkshops)	
19:00 - 20:00					

Attending tutorials and how they work

- The majority are in-person, and only three are on Zoom.
  - **In-person**: go to the cybersecurity lab (**CO139**)
  - **ZOOM**: use room ID **CYBR 171** to join, or direct link: https://vuw.zoom.us/my/cybr171

- These are one-on-one support, if you get stuck, please attend your chosen session. Try to stick to your session so we can manage numbers.

What will happen in a Zoom tutorial

- We have 3-4 tutors available.
- You will join the room, say hi in the chat and indicate what you would like help with in the session.
- One of the tutors will invite you to a breakout room for one-on-one help, including sharing your screen with them to demonstrate the problem.

What about help outside tutorials

- Office hours
  - **Harith's** are **Monday** 14:00-15:00 (**CO129**) and online https://vuw.zoom.us/my/alsahaf
  - **Lisa's** are **Tuesday** 14:00 – 15:00 (**CO127**)
- Email Harith or Lisa and we'll do our best to respond.

PART III:
Class Representative Election

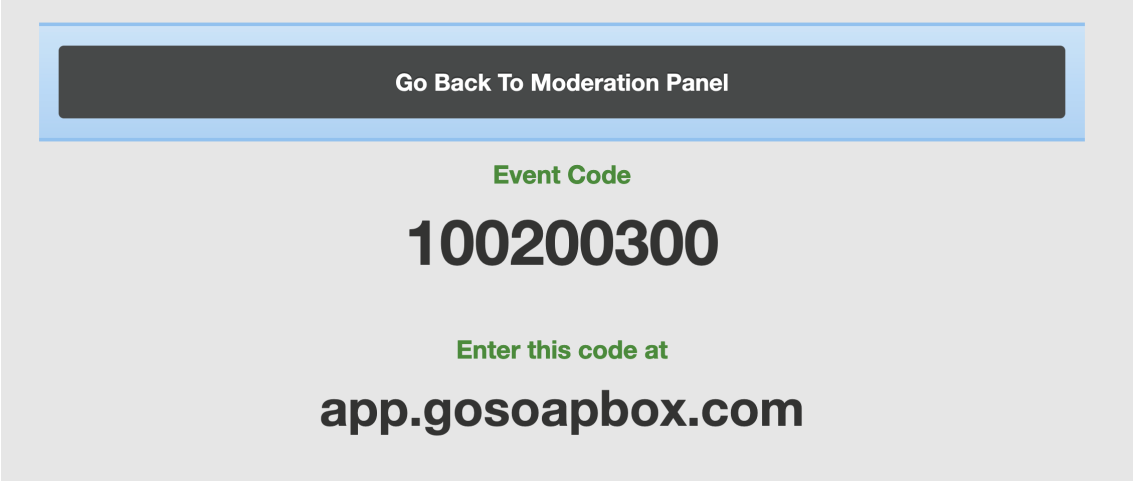
Class Representative Election

Thank you to the people who have put their names forward for the election.

Class Representative Election (cont.)

- Vote for your preferred candidate, go to **app.gosoapbox.com** and enter the event code

100200300



PART IV:
Lab 1

Labs (and assignments)

- Labs are weighted towards core and completion based – each is worth 2.5% of your grade.
- Lab skills are used to complete assignments – each is worth 20% of your grade.
- Assignments also include a “quality” component to test level of understanding of lab techniques and concepts from the course.

Lab structure

- Similar to COMP102:
  - **Core** is straightforward step-by-step.
  - **Completion** apply core to a different problem.
  - **Challenge** is meant to be more open ended.

- Lab 1 has an introductory video covering introduction to the linux command line.

Submitting labs

- Fill out the provided template.
- The template is a text file, which makes it easy for our markers to view it on different devices.
- Please do not submit it as **PDF** or **DOCX**.
- Submit via the **Submission** link.

PART V:

Accessing our servers

Accessing our servers

- Our labs are tested on our server machines.
- Your output will look very different if you don't and for people new to Linux this can be very confusing!!

https://ecs.wgtn.ac.nz/Support/TechNoteSchoolMachines

- Use `ssh username@machine.ecs.vuw.ac.nz` with ***ECS*** username and password

Windows and Macs

- You can use your command line (Windows 10 and MacOS).

- PUTTY provides more functionality for Windows and is what I use to access systems.

DEMONSTRATION TIME!

PART VI:
More Help

VICTORIA UNIVERSITY OF WELLINGTON
TE HERENGA WAKA

PASIFIKA ENGAGEMENT ADVISER:

WELLINGTON FACULTY OF SCIENCE, WELLINGTON FACULTY OF HEALTH, WELLINGTON FACULTY OF ENGINEERING

MELE PORTER

Pasifika Student Success

Office of the Assistant Vice Chancellor (Pasifika)

CO254, Kelburn Campus (Cotton Building)

mele.porter@vuw.ac.nz