

Expectations



Reality



1a. Introduction

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1a. Introduction: outline

- ❖ Team
- ❖ Location
- ❖ Schedule
- ❖ Assessments
- ❖ Remember

Team



Jin Hong
Unit coordinator
Room CS1.10
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Jack Sun
Lab facilitator



Larry Huynh
Senior Lab Facilitator



Muslim Gilani
Lab facilitator



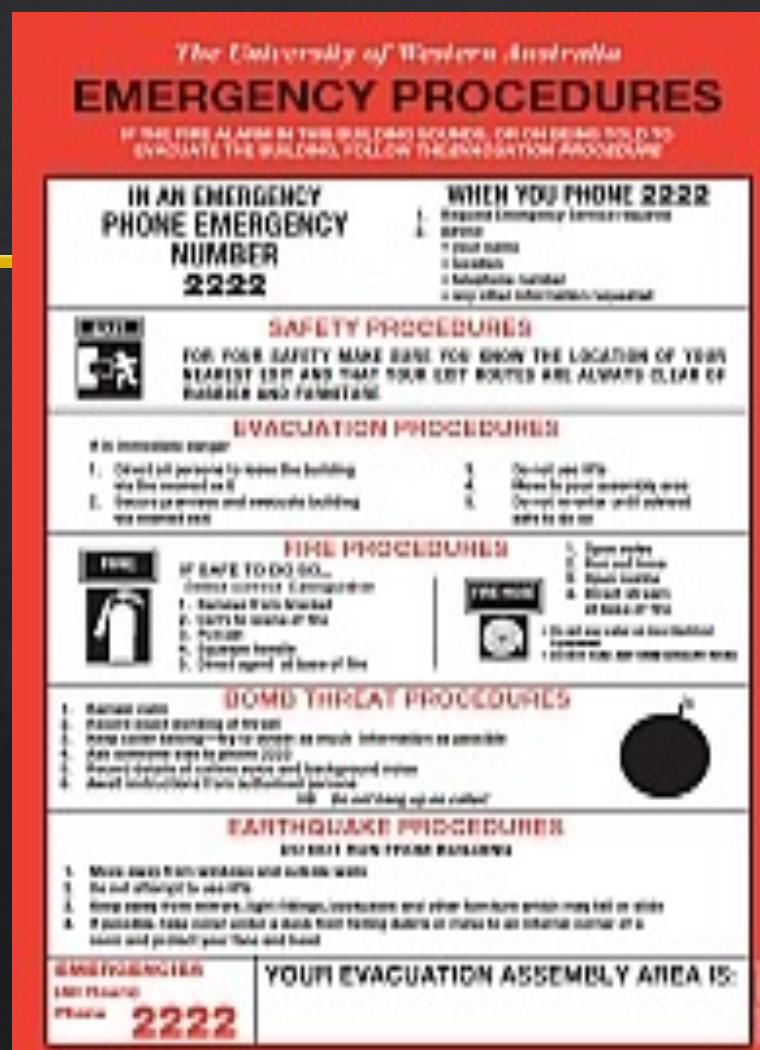
Alian Haidar
Lab facilitator



Teaching Operations (team)
Admin team
Room Main reception
teachingops-team2@uwa.edu.au

Emergency

- ❖ General emergency: call campus security at 6488 2222
- ❖ In super emergency: call emergency at 000
- ❖ In all buildings, we have an emergency procedure such as this picture ->
 - ❖ Please take a time and read it.
- ❖ For more details, please have a read through our emergency procedure for various potential incidents
 - ❖ <http://www.safety.uwa.edu.au/incidents-injuries-emergency/procedures>



Location

- ❖ Lecture
 - ❖ Venue: Woolnough Lecture Theatre (GGGL 107)
 - ❖ Time: Mondays 11am – 1pm
- ❖ Labs
 - ❖ Lab 1: EZONE CENT 105 @ Tuesdays 9am – 11pm
 - ❖ Lab 2: EZONE CENT 209 @ Wednesdays 1pm – 3pm
 - ❖ Lab 2: EZONE CENT 209 @ Fridays 11am – 1pm
- ❖ Consultation
 - ❖ Office at Computer Science building room 1.10 – email to book a time

Changes will be announced (if any)

Location

The screenshot shows the Microsoft Teams application interface. On the left, a sidebar menu includes options like Activity, Chat, Teams (selected), UWA Intra..., Calendar, Calls, OneDrive, Power BI, and Apps. The main area displays a team named "CITS2006" with a thumbnail image of a person and the title "Defensive Cybersecurity SEM-1 ...". Below the team name, there's a section titled "Main Channels" with three listed: "General", "Facilitators", "Lab discussion", and "Project discussion". At the top right, a navigation bar shows tabs for General, Posts, Files, LMS, Library, and a plus sign. To the right of the navigation bar, there are four circular profile icons of people. Below these icons, the text "Let's get the conversation started" is displayed, followed by the instruction "Try @mentioning a student or teacher to begin sharing ideas.".

CITS2006

Defensive Cybersecurity SEM-1 ...

Main Channels

General

Facilitators

Lab discussion

Project discussion

General Posts Files LMS Library +

Let's get the conversation started

Try @mentioning a student or teacher to begin sharing ideas.

Course overview: Term 1

Labs start first week!

Week	Lecture	Lab	Assessments
1	Intro + Defence overview	Lab 0: Linux and Networking	
2	Cryptography	Lab 1: Hashing and Blockchain	
3	Privacy*	Lab 2: Privacy	
4	Access Control		Lab Quiz 1
5	Protocols and Tools	Lab 3: Access Control	
Study Break			

*Privacy lecture will be available online due to Labour Day public holiday on Monday

Course overview: Term 2

Week	Lecture	Lab	Assessments
6	IDS	Lab 4: Protocols and Tools	
7	Threat Intelligence		Lab Quiz 2
8	ANZAC Day (no lecture)	Lab 5: IDS	Project out
9	Security Modelling and Analysis	Lab 6: Risk Analysis	
10	Proactive Cybersecurity		Project demo
11	Security Management		Lab Quiz 3
12	Special Topic		Project demo

Assessments

Assessment Item	When	Covers	Worth (total)
Lab Quizzes	Weeks 4, 7, 11	Topics up to the week	60% (20% each)
Project			
Stream 1: Group Project	Week 8	Various	40%

Please note, all dates are tentative and subject to change!

How does the lab quiz work?

- ❖ During your scheduled lab time, you will be supervised by a lab facilitator to complete a timed lab quiz (~60 mins but can vary).
- ❖ You cannot receive mark if your attendance is not confirmed by the lab facilitator.
 - ❖ i.e., you must be supervised/invigilated by the lab facilitator to receive marks.
 - ❖ Attendance is required for all F2F students (unless a reasonable excuse is provided).

How does the lab quiz work?

- ◊ We will be using a peer-marking system, where you will be formed into a group of 4 (or thereabout).
- ◊ For MCQ and written questions, marking keys will be provided.
- ◊ For Demo, you will be given 10~15 min slots to complete the demo.
- ◊ Marking keys will be provided for peer markers to use and submit the report.
- ◊ The peer markers will also provide feedback to the demonstrator including the mark range.
- ◊ Facilitators will be available for any moderations and review of the peer marking process.
- ◊ All submitted peer marks will be reviewed and moderated, and finalised marks will be uploaded to csmarks.
 - ◊ <https://secure.csse.uwa.edu.au/run/chapter0>

Project

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- ❖ Details to be confirmed but this year I am thinking:
 - ❖ You will be put in a group
 - ❖ Part 1 (40%) : Design and implement a security feature based on given specs.
 - ❖ Part 2 (30%) : Evaluate and discuss implementation of other groups.
 - ❖ Part 3 (30%) : Individual reports for parts 1 and 2.
 - ❖ You will submit accompanying reports (group and individual) as well as doing Demo as required.
 - ❖ But TBC.

Prerequisites and recommendations

- Prerequisites: CITS1003 and CITS1401 (or their equivalents)
- You will need to be familiar with Linux
- You will also need to study a bit about basic computer networking
 - Lab 0 will cover Linux and basic networking so don't panic.
- You may also use other programming languages other than Python as necessary.
 - But we'll keep this to minimal.
- You should also be familiar with basic discrete mathematics and number theory.

Please note

- Lectures provide **theoretical** and **conceptual** understandings of the topics presented
 - But we will also do some practicals in the lectures as applicable
 - So, you should bring your laptop if you want to try them in class as well
- Labs and project provide **practical skills** of the topics presented
- The contents in Lectures, labs and project will be related, but they are all **INDEPENDENT** learning materials
 - i.e., you will be learning new things in each lecture, lab and project.

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