

**School of Computer Science and Engineering
Education Committee Meeting**

Minutes of the meeting held on Wednesday, 3 April 2024

PRESENT:	John Shepherd (Chair)	Michael Bain
	Alan Blair	Michael Thielscher
	Aditya Joshi	Mohsen Kakavand
	Angela Finlayson	Oliver Diessel
	Andrew Taylor	Paul Hunter
	Arash Shaghghi	Rahat Masood
	Arcot Sowmya	Raveen de Silva
	Armin Chitizadeh	Raymond Louie
	Basem Suleiman	Richard Buckland
	Carroll Morgan	Salil Kanhere
	Changwei Zou	Sanjay Jha
	Ellie Williams	Sara Ballouz
	Gustavo Batista	Sebastian Sequoiah-Grayson
	Eric Martin	Shivika Narang
	Francisco Cruz Naranjo	Sonit Singh
	Gelareh Mohammadi	Sushmita Ruj
	Hammond Pearce	Tina Tuomikoski
	Helen Paik	Wayne Wobcke
	Hasindu Gamaarachchi	Xiaoyang Wang
	Imran Razzak	Yuchao Jiang
	Jiaojiao Jiang	Yuekang Li
	Laura Owen	Yulei Sui
	Maurice Pagnucco	Zhengyi Yang
APOLOGIES:	Raymond Wong, Sasha Vassar, Shiling Wu	
IN ATTENDANCE:	Sebastianus Kandi	
	Li San Chew (Secretary)	
	Victoria Jenkins	

1. OPENING OF MEETING

The Chair opened the meeting at 11:00 am

The Committee accepted apologies from Raymond Wong, Sasha Vassar, Shiling Wu.

2. CONFIRMATION OF MINUTES

The minutes of the last meeting were not presented.

The Committee deferred the confirmation of the Minutes of the Previous Meeting held on 15 March 2024 until the next regular meeting.

3. ITEMS FOR DECISION

3.1 New Security Program Proposals

Richard Buckland provided an overview of the new Bachelor of Cyber Security degree program. The proposed program is a single degree to be 'owned' by UNSW Kensington. As discussed in the previous meeting, UNSW Canberra offers a degree with the same name, and the degree to be offered by CSE should be distinctive in relation to degree name and course delivery. Richard Buckland welcomed any feedback and suggestions.

A list of courses was provided to the committee for feedback and suggestions. Although some courses may not proceed, the intention is to get these courses approved in ECLIPS.

The question of course mapping and suitability, including accreditation were raised to the committee. The committee understands that accreditation with Australian Computer Society (ACS) would be approved as the program structure is straightforward.

Several courses already have proposals in ECLIPS. The convenors in attendance provided an overview of their course.

The committee proceeded to review the course description, co-requisites and pre-requisites, assessment structure, CLOs (Course Learning Outcome), exams format, delivery mode (seminar/lecture/tutorial), class participation of the following courses. The committee voted at the end of each course review if they were in agreement for the proposal to proceed in ECLIPS.

COMP1337 Foundations of Cyber Security (15 votes)
COMP2449 Cyber Security Workshop 1 – Penetration Testing (15 votes) (The committee suggested perhaps this course should be changed to COMP6949 to reflect the postgraduate offering)
COMP3449 Cyber Security Workshop 2 – Defence (15 votes)
COMP6446 Cloud Security (12 votes)
COMP6959 Cyber Security Workshop 3 – Capstone (14 votes)
COMP6444 Privacy Engineering (14 votes)
COMP2218 Human Centric Security (14 votes) (The convenor advised a step was missed in the proposal stage, and the course has not been through the Faculty Review).
COMP6420 Hardware Security (19 votes) (This course is still in the proposal stage)

The following postgraduate courses will be reviewed at a later date:

COMP9442 Cyber Security Fundamentals
COMP9443 Security Engineering Principles

The committee thanked individuals who were involved in their course preparation for the new degree.

3.2 MIT Specialisation Revisions

The committee proceeded to discuss the program structure and requirements, course updates and the flexibility in course selection as part of the revision.

It was highlighted that the degree must comprise of the standard core courses. It is also important to allow for course flexibility and course combinations that would best suit the students.

Revising the Advanced Discipline Knowledge (ADK) requirements is crucial in finding the best fit for the degree, but this must also meet the Australian Qualifications Framework (AQF) requirements.

Although the courses are still in the preparation stage, the convenors in attendance provided an overview of their courses listed in the agenda,

3.3 Software Engineering Specialisation Revisions

The committee was advised the two plans for revision were SENG AH and SENG D1.



SENGAH already contains the desired revisions.

Further review is required to for SENGD1 where the revisions in place included removing COMP3141 as a course and replace the 6uoc with an elective.

3.4 Bloom AI

The Head of School provided an overview of Bloom AI.

- Bloom AI is a start-up company by an academic from UNSW Business School. The company offers AI tutor services and has claimed success with many happy students.
- As an AI service provider, the company would ingest anything related to a course through WebCMS and Moodle, and any other platform used by CSE to provide course information to students.
- The cost of the service per course per term is approximately AUD \$7,000.
- The Head of School informed the committee that she does not agree to using the service. However, anyone interested in using the service must make a case for it and determine its usefulness. Each case will be reviewed and considered by the Senior Education Team.
- The Head of School requests for any feedback to help facilitate her response to Bloom AI.

Questions of concerns were raised specifically relating to:

- Copyright infringement.
- Ethics approval for data collected from courses.
- Potential leakage of information provided in the Bloom AI database. The committee pointed out while there is nothing to prevent the information from being leaked, there are issues about the systems being compromised.
- Queried any evidence that the services provided work.

3.5 COMP3222/9222 Lab Equipment

The committee discussed purchasing new boards to be used in the labs.

Oliver Diessel suggested to charge students AUD \$250 for the use of the board. The rationale is that the board may be useful in the future. The committee expressed concern that the additional cost was considered high given that students will already be paying a high tuition fee to take the course.

There were suggestions within the committee members to consider students putting down a deposit and have that returned when the boards are returned. However, there was also concern that this would increase the administrative workload for staff.

Action: Oliver Diessel to request budget approval for the purchase of the boards.

4 ITEMS FOR NOTING

4.1 Any Other Business

The resourcing for the Master of Cyber Security program will be discussed between the CSE School Manager and Richard Buckland.

5 GENERAL BUSINESS

Schedule of Education Committee Meetings for 2024

Day	Date	Time	Location
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Wednesday	24 April	12 – 2 pm	TBA
Friday	14 June	12 – 2 pm	TBA
Friday	19 July	12 – 2 pm	TBA
Wednesday	7 August	12 – 2 pm	TBA
Friday	13 September	12 – 2 pm	TBA
Friday	11 October	12 – 2 pm	TBA
Wednesday	20 November	12 – 2 pm	TBA

The meeting was adjourned at 3:01pm.

DR JOHN SHEPHERD
Chair

