UNSW Course Outline

ZEIT4120 Computing and Cyber Security Honours Special Topic 4 - 2024

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General Course Information

Course Code : ZEIT4120
Year : 2024
Term : Semester 2
Teaching Period : Z2
Is a multi-term course? : No
Faculty : UNSW Canberra
Academic Unit : School of Systems and Computing
Delivery Mode : In Person
Delivery Format : Standard
Delivery Location : UNSW Canberra at ADFA
Campus : UNSW Canberra
Study Level : Undergraduate
Units of Credit : 6

Useful Links

Handbook Class Timetable

Course Details & Outcomes

Course Description

The student will undertake coursework within the School that will inform them on topics that are

relevant to the research area in which the student's Honours dissertation will be framed.

Relationship to Other Courses

This course is only available for students in the Honours program. It provides an opportunity for in-depth study in an area related to their area of research.

Students will undertake coursework within the School that will inform them on topics that are relevant to the research area in which the student's Honours dissertation will be framed. Note that the course may be one of those currently offered at the Master degree level (available at https://www.unsw.adfa.edu.au/study/postgraduate-coursework/master-cyber-security) or other equivalent Honours program course (i.e., from the AI Stream). Each of these two courses is worth 6 UOC.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : In-depth understanding of a specialist body of knowledge within the computer science and/or cyber security disciplines.
CLO2 : Discernment of knowledge development and research directions within the computer science and/or cyber security disciplines.
CLO3 : Fluent application of techniques, tools and resources within the topic area.
CLO4 : Ethical conduct and professional accountability.

Course Learning Outcomes	Assessment Item
CLO1 : In-depth understanding of a specialist body of knowledge within the computer science and/or cyber security disciplines.	• Case Study Summary Essay • Research report • Quizzes
CLO2 : Discernment of knowledge development and research directions within the computer science and/or cyber security disciplines.	• Case Study Discussions • Case Study Summary Essay • Research report
CLO3 : Fluent application of techniques, tools and resources within the topic area.	• Quizzes • Research report
CLO4 : Ethical conduct and professional accountability.	• Case Study Discussions • Case Study Summary Essay • Research report

Learning and Teaching Technologies

Moodle - Learning Management System

Learning and Teaching in this course

Students will need to follow the requirement of the Master-level course they attend.

Other Professional Outcomes

This course contributes to the following Program Learning Outcomes of Computing and Cyber Security (Honours)

- Demonstrate critical thinking and judgment, personal autonomy, and accountability in acquiring and applying knowledge and skills.
- Demonstrate an understanding of specialised knowledge in computing and cyber security.
- Reflect critically on existing theoretical knowledge, ideas and practice within computing and cyber security to address the research topic.

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Case Study Discussions Short Extension: Yes (3 days)	20%	
Case Study Summary Essay Short Extension: Yes (3 days)	20%	
Research report Short Extension: Yes (3 days)	50%	
Quizzes	10%	

Assessment Details

Case Study Discussions

Assessment Overview

Online case study discussions will assess the students' ability to:

- Find a case study on a given topic
- construct and post an online “starter post”
- read critique and replty to other students’ posts
- work on the topic given and articulate information provided in course materials;
- research additional sources on the Internet

Course Learning Outcomes

- CLO2 : Discernment of knowledge development and research directions within the computer science and/or cyber security disciplines.
- CLO4 : Ethical conduct and professional accountability.

Case Study Summary Essay

Assessment Overview

An individual assignment to examine students' reflection on the case study they initiated through the online forum (their personal contributions and that of others provided to them, plus wider reading that the student has undertaken).

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Course Learning Outcomes

- CLO1 : In-depth understanding of a specialist body of knowledge within the computer science and/or cyber security disciplines.
- CLO2 : Discernment of knowledge development and research directions within the computer science and/or cyber security disciplines.
- CLO4 : Ethical conduct and professional accountability.

Research report

Assessment Overview

A report requiring deep research into a topic to be agreed between the student and the convenor.

Course Learning Outcomes

- CLO1 : In-depth understanding of a specialist body of knowledge within the computer science and/or cyber security disciplines.
- CLO2 : Discernment of knowledge development and research directions within the computer science and/or cyber security disciplines.
- CLO3 : Fluent application of techniques, tools and resources within the topic area.
- CLO4 : Ethical conduct and professional accountability.

Quizzes

Course Learning Outcomes

- CLO1 : In-depth understanding of a specialist body of knowledge within the computer science and/or cyber security disciplines.
- CLO3 : Fluent application of techniques, tools and resources within the topic area.

General Assessment Information

The Master course students will enroll in, will have its own assessments that students will be required to complete. These assessments are designed by the convenor of that course. It will

then be modified/reduced by the Convenor of ZEIT4117&ZEIT4118 to match the expected level for an Honour-level course.

Once each student selects the Master level course, the Convenor of ZEIT4117&ZEIT4118 will discuss with the Convenor of the Master course and will finalise an appropriate assessment for each student before session starts or after student's enrolment, whichever is later.

The convener of this course, with the agreement of the original course convener, will put together an assessment plan and grading rubrics to share with the student.

Use of Generative AI in Assessments

FULL ASSISTANCE WITH ATTRIBUTION

You can use generative AI software in this assessment to the extent specified in the assessment instructions. Any output of generative software within you assessment must be attributed with full referencing.

If the outputs of generative AI such as ChatGPT form part of your submission and is not appropriately attributed, it will be regarded as serious academic misconduct and subject to the standard penalties, which may include 00FL, suspension and exclusion.

- *To cite: OpenAI (Year Accessed). ChatGPT. OpenAI. https://openai.com/models/chatgpt/*
- *Please note that the outputs from these tools are not always accurate, appropriate, nor properly reference. You should ensure that you have moderated and critically evaluated the outputs from generative AI tools such as ChatGPT before submission.*

Grading Basis

Standard

Course Schedule

Attendance Requirements

Students are strongly encouraged to attend all classes and review lecture recordings.

General Schedule Information

Students will need to follow the attendance requirement of the Master-level course they attend.

Course Resources

Prescribed Resources

Students will need to follow the requirement of the Master-level course they attend.

Recommended Resources

Students will need to follow the requirement of the Master-level course they attend.

Additional Costs

Students will need to follow the requirement of the Master-level course they attend.

Course Evaluation and Development

Students will need to follow the requirement of the Master-level course they attend.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Hussein Abbass		Room 161	02 5114 5109	Please email to arrange a meeting time.	No	Yes

Other Useful Information

School-specific Information

The Leaning Management System

Moodle is the Learning Management System used at UNSW Canberra. All courses have a Moodle site which will become available to students at least one week before the start of semester. Please find all help and documentation (including Blackboard Collaborate) at the Moodle Support page.

UNSW Moodle supports the following web browsers:
• Google Chrome 50+
• Safari 10+
Internet Explorer is not recommended. Addons and Toolbars can affect any browser's performance.

Operating systems recommended are:

• Windows 10,

• Mac OSX Sierra,

• iPad IOS10

Further details:

Moodle System Requirements

Moodle Log In

If you need further assistance with Moodle:

For enrolment and login issues please contact:

IT Service Centre

Email: itservicecentre@unsw.edu.au

Phone: (02) 9385-1333

International: +61 2 9385 1333

For all other Moodle issues please contact:

External TELT Support

Email: externalteltsupport@unsw.edu.au

Phone: (02) 9385-3331

International: +61 2 938 53331

Opening hours:

Monday – Friday 7:30am – 9:30 pm

Saturday & Sunday 8:30 am – 4:30pm

Study at UNSW Canberra

Study at UNSW Canberra has lots of useful information regarding:

• Where to get help

• Administrative matters

• Getting your passwords set up

• How to log on to Moodle

• Accessing the Library and other areas.

UNSW Canberra Student Hub

For News and Notices, Student Services and Support, Campus Comminity, Quick Links, Important Dates and Upcoming Events

School Contact Information

Deputy Head of School (Education): Dr Erandi Hene Kankanamge

E: e.henekankanamge@adfa.edu.au

T: 02 5114 5157

Syscom Admin Support: syscom@unsw.edu.au

T: 02 5114 5284

Syscom Admin Office: Building 15, Level 1, Room 101 (open 10am to 4pm, Mon to Fri)