UNSW Course Outline

ZZCA9204 Cybersecurity Ethics - 2024

Published on the 02 Jul 2024

General Course Information

Course Code : ZZCA9204
Year : 2024
Term : Hexamester 4
Teaching Period : KN
Is a multi-term course? : No
Faculty : UNSW Canberra
Academic Unit : Canberra School of Professional Studies
Delivery Mode : Online
Delivery Format : Standard
Delivery Location : UNSW Canberra City
Campus : Canberra City
Study Level : Postgraduate
Units of Credit : 6

Useful Links

Handbook Class Timetable

Course Details & Outcomes

Course Description

Ethics underpins everything we do in our professional life. The cyber industry presents unique ethical challenges, due to the rapid rate of change and the often-unknown future of innovations. This course provides students with an understanding of three framework concepts of ethics

applied to the cyber profession. Students analyse real world challenges in cyber through an ethical lens. The course equips students with the tools to unpack and respond to future ethical challenges as they arise.

Course Aims

The course aims to equips students with tools to unpack and respond to future ethical challenges in cyber as they arise.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Explain cyber ethics and its relevance in the cyber industry.
CLO2 : Apply ethical principles to decision-making in the cyber industry.
CLO3 : Analyse three framework concepts of ethics as they pertain to cyber.
CLO4 : Evaluate real world ethical challenges in the cyber industry.

Course Learning Outcomes	Assessment Item
CLO1 : Explain cyber ethics and its relevance in the cyber industry.	• Learning Logs • Essay
CLO2 : Apply ethical principles to decision-making in the cyber industry.	• Scenario Analysis • Essay
CLO3 : Analyse three framework concepts of ethics as they pertain to cyber.	• Scenario Analysis • Essay
CLO4 : Evaluate real world ethical challenges in the cyber industry.	• Learning Logs • Scenario Analysis • Essay

Learning and Teaching Technologies

Moodle - Learning Management System | Blackboard Collaborate

Learning and Teaching in this course

The course contains a variety of resources and activities that are carefully designed to enhance your learning.

Some activities require you to work and think alone, by reading some text, listening to a recording or watching a video. You might be asked to engage with the material and explore interactive elements by clicking to reveal content, to help you better absorb and process the concepts.

Some activities require you to produce work of your own. You might be answering a question, writing code to solve a problem, or posting to a forum, for example. Some activities are assessment tasks, which have been carefully designed to measure how well you have achieved the learning outcomes of the course. Typically, you will get feedback on your work, either from yourself (by checking your work with models that are provided), or from an automatic marking process, or from your peers, or from your teacher.
You also have access to a variety of ways to communicate with your peers and with the teaching staff. The general discussion forums are a place for you to ask and answer questions, to interact with your peers, and to be challenged by your teachers. Getting involved in these forums will enhance your learning experience and make it more enjoyable. Your course may include Webinars, which provide an opportunity to hear directly from your Online Lecturers and ask questions in real time. All webinars are recorded so you can access them at any time. Online Lecturers are available for consultations and will post information about how to access consultations on the course website. You can also contact your Online Lecturer by email using the email address in the teaching staff section of this outline.
It is up to you how much work you do. The more time and effort that you can dedicate to the course, the better will be your learning and your results.

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Learning Logs Assessment Format: Individual	10%	Start Date: Not Applicable Due Date: Monday, Week 2-7, 12:00pm AEDT
Scenario Analysis Assessment Format: Individual	40%	Start Date: Not Applicable Due Date: Monday, Week 4, 12:00pm AEDT
Essay Assessment Format: Individual	50%	Start Date: Not Applicable Due Date: Monday Week 7, 12:00pm AEDT

Assessment Details

Learning Logs

Assessment Overview

Each week, students will write a forum post in response to a prompt question and respond to another students' post.

Course Learning Outcomes

- CLO1 : Explain cyber ethics and its relevance in the cyber industry.
- CLO4 : Evaluate real world ethical challenges in the cyber industry.

Assessment Length

350 words each

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students can see Turnitin similarity reports.

Scenario Analysis

Assessment Overview

Students will be given a real-life scenario, along with an academic reading. Students will respond to prompt questions, demonstrating application of ethical concepts to a contemporary challenge in cyber.

Course Learning Outcomes

- CLO2 : Apply ethical principles to decision-making in the cyber industry.
- CLO3 : Analyse three framework concepts of ethics as they pertain to cyber.
- CLO4 : Evaluate real world ethical challenges in the cyber industry.

Assessment Length

1,000 words

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students can see Turnitin similarity reports.

Essay

Assessment Overview

Students will write an essay, demonstrating their understanding of cyber ethics through a detailed exploration of arguments, theories and concepts. Demonstrating critical writing and evaluation.

Course Learning Outcomes

- CLO1 : Explain cyber ethics and its relevance in the cyber industry.
- CLO2 : Apply ethical principles to decision-making in the cyber industry.
- CLO3 : Analyse three framework concepts of ethics as they pertain to cyber.
- CLO4 : Evaluate real world ethical challenges in the cyber industry.

Assessment Length

3,000 words

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students can see Turnitin similarity reports.

General Assessment Information

Generative AI in teaching and assessment

UNSW accepts the potential of these tools and is excited to explore ways to use AI to enrich your learning experience while maintaining the integrity of our programs and therefore of your degrees. We expect that, as we learn about how best to do this, our policies will adapt.

Our current guiding principles state:

- UNSW Sydney has always worked to equip students to take advantage of the latest technologies.
- There are plans to make the most of ChatGPT and related technologies in teaching and student learning.
- We recognise that students should not be overly dependent on any one technology, and independent thought and knowledge remain essential.
- Students will receive course-specific instructions on whether the use of AI will be allowed or will not be permitted.

In ***this*** course, generative AI software is permitted at the **Simple editing assistance** permission level, unless specifically highlighted in the assessment instructions.

Simple editing assistance

For this assessment task, you may use AI-based software to research and prepare prior to completing your assessment. You are permitted to use standard editing and referencing functions in word processing software. This includes spelling and grammar checking and reference citation generation in the creation of your submission. You must not use any functions that generate or paraphrase passages of text, whether based on your own work or not.

Please note that your submission will be passed through an AI-generated text detection tool. If your marker has concerns that your answer contains passages of AI-generated text you may be asked to explain your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.

Grading Basis

Standard

Requirements to pass course

In order to pass the course you must achieve an overall mark of at least 50%.

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 1 July - 7 July	Online Activity	An Introduction to Cyber Ethics
Week 2 : 8 July - 14 July	Online Activity	Consequentialism and the Public Good in a Cyber Security context
Week 3 : 15 July - 21 July	Online Activity	Deontology and a Rules-based Framework for Ethics in Cyber Security
Week 4 : 22 July - 28 July	Online Activity	Agent-based Ethics and balancing values
Week 5 : 29 July - 4 August	Online Activity	Ethical Decision-Making in Cyber Security
Week 6 : 5 August - 11 August	Online Activity	Ethics and Best Cyber Security Business Practice

Attendance Requirements

Not Applicable - as no class attendance is required

Course Resources

Prescribed Resources

All resources required to complete this course are available via Moodle.

Recommended Resources

Students have access to a number of additional support resources.

Please check your Moodle page for additional readings and advice relevant to the course.

Course Evaluation and Development

Evaluation and Development

Toward the end of the hexamester you will be asked to give feedback about the course, via UNSW's MyExperience survey. Your feedback will be used, along with feedback from other stakeholders, to help improve the course. You can also contact your Course Convenor any time you have suggestions or other feedback.

Important note: Students are reminded that any feedback provided should be constructive and professional and that they are bound by the Student Code of Conduct Policy: https://

www.gs.unsw.edu.au/policy/documents/studentcodepolicy.pdf

Quality Assurance

UNSW actively monitors student learning and quality of the student experience in its programs. A random selection of completed assessment tasks may be used for quality assurance, such as determining the extent to which program learning goals are being achieved. The information is required for accreditation purposes, and aggregated findings will be used to inform changes aimed at improving the quality of programs. All material used for such processes will be treated as confidential.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Kit Barrow					No	Yes
Postgraduate coordinator	Tom Townsend					No	No