ACCG8086

Cyber Security, Governance Frameworks and Ethics

Session 2, In person-scheduled-weekday, North Ryde 2023

Department of Accounting and Corporate Governance

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General Information

Unit convenor and teaching staff
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Unit Moderator
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Credit points
10

Prerequisites
Admission to MCybergovMgnt or MForAccgFinCri or MCTerrorism or MCrim or MCyberSecAnalysis or MIntell or MSecStrategicStud or MInfoTechCyberSec or MInfoTechNetworking

Corequisites

Co-badged status

Unit description
Organisations have an ethical and legal responsibility to safeguard customer data in a constantly evolving cyber security environment. This unit is designed for students to gain an understanding of cyber security governance frameworks and ethical issues relating to the complex issues relating to cyber security. The primary objectives of the unit are for students to be able to evaluate cyber security trade-offs, use relevant governance frameworks to develop a cyber security road map and to be able to examine and provide recommendations for cyber security ethical dilemmas.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at https://www.mq.edu.au/study/calendar-of-dates

Learning Outcomes

On successful completion of this unit, you will be able to:

ULO1: Evaluate the trade-offs between cyber security, cost/resources and business opportunities/competitive advantage.

ULO2: Develop a cyber security road map for a specific organisation.

ULO3: Explain the governance principles and frameworks relevant to cyber security.

ULO4: Examine and provide recommendations for potential ethical dilemmas of the work of cyber security experts.

General Assessment Information

Late Assessment Submission Penalty

Unless an application for Special Consideration has been submitted and approved, ***a 5% penalty (of the total possible mark) will be applied each day a written assessment is not submitted****, up until the 7th day (including weekends). After the 7th day, a grade of '0' will be awarded even if the assessment is submitted. Submission time for all written assessments is set at 11.55pm. A 1-hour grace period is provided to students who experience a technical concern.*

For any late submissions of time-sensitive tasks, such as scheduled tests, exams, performance assessments, and/or scheduled practical assessments/labs, students need to submit an application for Special Consideration.

Assessment Tasks

Name	Weighting	Hurdle	Due	Groupwork/Individual	Short Extension	AI Approach
Cyber Security Roadmap/Plan	30%	No	Week 6		No	
Weekly Assessment Tasks	30%	No	Weeks 3 to 12		No	
Ethical Dilemmas Report	40%	No	Week 11		No	

Cyber Security Roadmap/Plan

Assessment Type [1]: Report
Indicative Time on Task [2]: 20 hours
Due: **Week 6**
Weighting: **30%**
Groupwork/Individual:
Short extension [3]: No
AI Approach:

This assessment task is to develop a 3,000 word strategic cyber security roadmap/plan for the Board of a specific organisation. Details and marking rubric will be available on the iLearn website.

On successful completion you will be able to:

- Develop a cyber security road map for a specific organisation.
- Explain the governance principles and frameworks relevant to cyber security.

Weekly Assessment Tasks

Assessment Type [1]: Participatory task
Indicative Time on Task [2]: 20 hours
Due: **Weeks 3 to 12**
Weighting: **30%**
Groupwork/Individual:
Short extension [3]: No
AI Approach:

Each week, from Week 3 to 12 (10 weeks in total), there will be an assessment task completed online or in workshops. The tasks will be varied and include discussions on contemporary cyber governance issues and dilemmas relating to the week's topic. Details and rubric are available on the iLearn website.

On successful completion you will be able to:

- Evaluate the trade-offs between cyber security, cost/resources and business opportunities/competitive advantage.
- Develop a cyber security road map for a specific organisation.
- Explain the governance principles and frameworks relevant to cyber security.

Ethical Dilemmas Report

Assessment Type [1]: Report
Indicative Time on Task [2]: 40 hours
Due: **Week 11**
Weighting: **40%**
Groupwork/Individual:
Short extension [3]: No
AI Approach:

The aim of this assessment task is to write a 5,000 word business report that investigates and analyses the issues relating to the ethical dilemmas faced by cyber security practitioners. Students will be required to read and analyse relevant scholarly articles, use contemporary

examples and provide a personal reflection for this task. Details and marking rubric are available on the iLearn website.

On successful completion you will be able to:

- Evaluate the trade-offs between cyber security, cost/resources and business opportunities/competitive advantage.
- Develop a cyber security road map for a specific organisation.
- Explain the governance principles and frameworks relevant to cyber security.
- Examine and provide recommendations for potential ethical dilemmas of the work of cyber security experts.

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[1] If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- Academic Success for academic skills support.

[2] Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation.

[3] An automatic short extension is available for some assessments. Apply through the Service Connect Portal.

Delivery and Resources

Please refer to iLearn

Policies and Procedures

Macquarie University policies and procedures are accessible from Policy Central (https://policies.mq.edu.au). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- Academic Appeals Policy
- Academic Integrity Policy
- Academic Progression Policy
- Assessment Policy
- Fitness to Practice Procedure
- Assessment Procedure
- Complaints Resolution Procedure for Students and Members of the Public
- Special Consideration Policy

Students seeking more policy resources can visit Student Policies (https://students.mq.edu.au/support/study/policies). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

To find other policies relating to Teaching and Learning, visit Policy Central (https://policies.mq.edu.au) and use the search tool.

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: https://students.mq.edu.au/admin/other-resources/student-conduct

Results

Results published on platform other than eStudent, (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in eStudent. For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Academic Integrity

At Macquarie, we believe academic integrity – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free online writing and maths support, academic skills development and wellbeing consultations.

Student Support

Macquarie University provides a range of support services for students. For details, visit http://students.mq.edu.au/support/

The Writing Centre

The Writing Centre provides resources to develop your English language proficiency, academic writing, and communication skills.

- Workshops
- Chat with a WriteWISE peer writing leader
- Access StudyWISE
- Upload an assignment to Studiosity
- Complete the Academic Integrity Module

The Library provides online and face to face support to help you find and use relevant information resources.

- Subject and Research Guides
- Ask a Librarian

Student Services and Support

Macquarie University offers a range of Student Support Services including:

- IT Support
- Accessibility and disability support with study
- Mental health support
- Safety support to respond to bullying, harassment, sexual harassment and sexual assault
- Social support including information about finances, tenancy and legal issues
- Student Advocacy provides independent advice on MQ policies, procedures, and processes

Student Enquiries

Got a question? Ask us via AskMQ, or contact Service Connect.

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the Acceptable Use of IT Resources Policy. The policy applies to all who connect to the MQ network including students.

Unit information based on version 2023.03 of the Handbook