



ACCG8086

Cyber Security, Governance Frameworks and Ethics

Session 1, Fully online/virtual 2021

Department of Accounting & Corporate Governance

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Notice

As part of [Phase 3 of our return to campus plan](#), most units will now run tutorials, seminars and other small group activities on campus, and most will keep an online version available to those students unable to return or those who choose to continue their studies online.

To check the availability of face-to-face activities for your unit, please go to [timetable viewer](#). To check detailed information on unit assessments visit your unit's iLearn space or consult your unit convenor.

General Information

Unit convenor and teaching staff

Unit Convener

Yvette Blount

accg8086@mq.edu.au

Contact via accg8086@mq.edu.au

By appointment or via email

Moderator

Mauricio Marrone

accg8086@mq.edu.au

Credit points

10

Prerequisites

Admission to M**CybergovMgnt** or M**ForAccgFinCri** or M**CTerrorism** or M**Crim** or M**CyberSecAnalysis** or M**Intell** or M**SecStrategicStud** or M**InfoTechCyberSec** or M**InfoTechNetworking**

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 Submission(s): “Late assessment must also be submitted through Turnitin. No extensions will be granted. There will be a deduction of 10% of the total available marks made from the total awarded mark for each 24 hour period or part thereof that the submission is late (for example, 25 hours late in submission incurs a 20% penalty). Late submissions will not be accepted after solutions have been discussed and/or made available. This penalty does not apply for cases in which an application for **Special Consideration** is made and approved. Note: applications for **Special Consideration Policy** must be made within 5 (five) business days of the due date and time.”

Assessment Tasks

Name	Weighting	Hurdle	Due
Cyber Security Roadmap/Plan	30%	No	Week 6
Ethical Dilemmas Report	40%	No	Week 11
Weekly Assessment Tasks	30%	No	Weeks 3 to 12 (10 weeks)

Cyber Security Roadmap/Plan

Assessment Type **1**: Report

Indicative Time on Task **2**: 20 hours

Due: **Week 6**

Weighting: **30%**

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.

Ethical Dilemmas Report

Assessment Type **1**: Report

Indicative Time on Task **2**: 40 hours

Due: **Week 11**

Weighting: **40%**

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.

Weekly Assessment Tasks

Assessment Type ¹: Participatory task

Indicative Time on Task ²: 20 hours

Due: **Weeks 3 to 12 (10 weeks)**

Weighting: **30%**

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.

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
- the [Writing Centre](#) 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

Delivery and Resources

This unit will be taught online.

Each week there will be a Zoom catch-up where I will be available to answer any questions, clarify expectations for assignments as well as provide an opportunity for you to connect with each other. The Zoom meeting will be on Thursday at 4pm from Week 1 to Week 13. This Zoom catch-up each week is not compulsory but you are strongly encouraged to attend. The session will be recorded and uploaded to Echo in iLearn.

The Zoom details will be available on iLearn.

The dates are from Week 1 to Week 13 (Thursday 25 February to 3rd June 2021 - not including the session break).

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://policies.mq.edu.au\)](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](#)
- [Grade Appeal Policy](#)
- [Complaint Management Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#)

Students seeking more policy resources can visit [Student Policies \(https://students.mq.edu.au/support/study/policies\)](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 \(https://policies.mq.edu.au\)](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

Student Support

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

Learning Skills

Learning Skills (mq.edu.au/learningskills) provides academic writing resources and study strategies to help you improve your marks and take control of your study.

- [Getting help with your assignment](#)
- [Workshops](#)
- [StudyWise](#)
- [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

Students with a disability are encouraged to contact the [Disability Service](#) who can provide appropriate help with any issues that arise during their studies.

Student Enquiries

For all student enquiries, visit Student Connect at ask.mq.edu.au

If you are a Global MBA student contact globalmba.support@mq.edu.au

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.