



# COMP8300

## Security Management

Session 2, Special circumstances 2021

*School of Computing*

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### Disclaimer

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### Session 2 Learning and Teaching Update

The decision has been made to conduct study online for the remainder of Session 2 for all units WITHOUT mandatory on-campus learning activities. Exams for Session 2 will also be online where possible to do so.

This is due to the extension of the lockdown orders and to provide certainty around arrangements for the remainder of Session 2. We hope to return to campus beyond Session 2 as soon as it is safe and appropriate to do so.

Some classes/teaching activities cannot be moved online and must be taught on campus. You should already know if you are in one of these classes/teaching activities and your unit convenor will provide you with more information via iLearn. If you want to confirm, see the list of [units with mandatory on-campus classes/teaching activities](#).

Visit the [MQ COVID-19 information page](#) for more detail.

## General Information

Unit convenor and teaching staff Milton Baar <a href="mailto:milton.baar@mq.edu.au">milton.baar@mq.edu.au</a>
Credit points 10
Prerequisites ITEC602 or COMP6770
Corequisites
Co-badged status
Unit description The intent of this unit is to provide students with a working knowledge of commercial information security governance requirements, tools and techniques. The unit has a practical focus with tutorial and laboratory work that will include aspects of physical security and hacking, information security architectures and the creation of a dummy company on which the tools and techniques will be developed and tested. Topics include an introduction to information security, standard and governance, risk management concepts, security threats, controls, practical hacking, server hardening, evidence collection, business community planning and DRP, creating an enterprise information security framework, and EISF/ISMS certification.

## 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:** Describe and explain the differences between security frameworks and standards
- ULO2:** Describe and demonstrate how to manage commercial risk, and unmitigated and mitigated risk
- ULO3:** Identify and assess commercial threats and types of threats and statutory requirements in a commercial environment
- ULO4:** Identify and analyse basic risk management errors and information exposures;

assess various techniques and their suitability as controls

## General Assessment Information

- Group work is an essential component of the teaching model of this unit. During week 1, students will self-select groups to join and the group size will be confirmed by the Convenor at the end of week 1.
- Each Group must keep detailed "realtime" notes of discussions, decisions and activities from weeks 2-12 and these notes will be assessed in weeks 7 and 13.
- The Industry Presentation on Saturday 6-NOV-2021 is compulsory and each student must be available to complete this assessment. The assessment is a Group Presentation using Zoom to an external panel of Industry Experts, the presentation will take between 30-45 minutes and will be in the form of a Group presentation followed by questions from the Industry Panel.
- There is no written exam.

## Assessment Tasks

Name	Weighting	Hurdle	Due
<a href="#">Quiz 1</a>	10%	No	Week 5
<a href="#">Mid-semester workbook assessment</a>	40%	No	Week 7
<a href="#">Quiz 2</a>	10%	No	Week 9
<a href="#">Industry Presentation</a>	40%	Yes	6/11/2021

### Quiz 1

Assessment Type <sup>1</sup>: Quiz/Test

Indicative Time on Task <sup>2</sup>: 10 hours

Due: **Week 5**

Weighting: **10%**

A multiple choice quiz covering material from weeks 1-4

On successful completion you will be able to:

- Describe and explain the differences between security frameworks and standards
- Describe and demonstrate how to manage commercial risk, and unmitigated and

mitigated risk

- Identify and assess commercial threats and types of threats and statutory requirements in a commercial environment
- Identify and analyse basic risk management errors and information exposures; assess various techniques and their suitability as controls

## Mid-semester workbook assessment

Assessment Type <sup>1</sup>: Practice-based task

Indicative Time on Task <sup>2</sup>: 40 hours

Due: **Week 7**

Weighting: **40%**

Review and assessment of the workbook content that contains results from group tasks undertaken from weeks 1-7.

On successful completion you will be able to:

- Describe and explain the differences between security frameworks and standards
- Describe and demonstrate how to manage commercial risk, and unmitigated and mitigated risk
- Identify and assess commercial threats and types of threats and statutory requirements in a commercial environment
- Identify and analyse basic risk management errors and information exposures; assess various techniques and their suitability as controls

## Quiz 2

Assessment Type <sup>1</sup>: Quiz/Test

Indicative Time on Task <sup>2</sup>: 10 hours

Due: **Week 9**

Weighting: **10%**

A short-answer quiz covering material from weeks 4-8

On successful completion you will be able to:

- Describe and demonstrate how to manage commercial risk, and unmitigated and mitigated risk

- Identify and assess commercial threats and types of threats and statutory requirements in a commercial environment
- Identify and analyse basic risk management errors and information exposures; assess various techniques and their suitability as controls

## Industry Presentation

Assessment Type <sup>1</sup>: Viva/oral examination

Indicative Time on Task <sup>2</sup>: 40 hours

Due: **6/11/2021**

Weighting: **40%**

**This is a hurdle assessment task (see [assessment policy](#) for more information on hurdle assessment tasks)**

Presentation of completed tasks to an external panel of Industry Experts

On successful completion you will be able to:

- Describe and explain the differences between security frameworks and standards
- Describe and demonstrate how to manage commercial risk, and unmitigated and mitigated risk
- Identify and assess commercial threats and types of threats and statutory requirements in a commercial environment
- Identify and analyse basic risk management errors and information exposures; assess various techniques and their suitability as controls

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<sup>1</sup> 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.

<sup>2</sup> 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 is delivered online using Zoom at the address <https://macquarie.zoom.us/j/95929596500> and not on-campus; there are two delivery components:

1. weekly lectures, and

2. weekly workshops held Tuesdays from 1600-1800, using Zoom and starting in Week 02.

The Week 1 Lecture is delivered on Tuesday 1300 using Zoom and during Week 1, an online poll is available on iLearn so students can choose if the lectures from Weeks 2-13 should be :

1. "live with realtime student participation" on Tuesdays 1300-1500, or
2. pre-recorded and available for download before the weekly workshop and **no** Zoom lecture provided from 1300-1500.

## 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](https://ask.mq.edu.au) or if you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto: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](http://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](http://ask.mq.edu.au)

If you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto: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/](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.