AFCP8103

Risk Measurement and Management

Term 4, Online-scheduled-weekday 2026

Department of Applied Finance

Contents

General Information

Unit convenor and teaching staff
Adjunct Professor
John-Paul Monck
john-paul.monck@mq.edu.au
Contact via Email
By Appointment

Credit points
10

Prerequisites
Admission to MAppFin or GradDipAppFin

Corequisites

Co-badged status

Unit description
The purpose of risk management is the creation and protection of value. It improves performance, encourages innovation and supports the achievement of objectives. Risk management refers to activities that direct and control an organisation in terms of risk, including the identification, analysis, treatment, monitoring, communication of risk. This unit addresses all these elements, using an established risk management framework based on international standards. The framework is applied to a range of risks (e.g. financial, operational, conduct, strategic) and contexts. It also addresses the systems of risk governance in an organisation to ensure that risk management is effective, with a special focus on risk and ethical culture.

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: Apply a risk management framework to a range of risks and business contexts.

ULO2: Use, interpret and critique quantitative models for risk analysis.

ULO3: Effectively communicate complex risk management ideas, information and recommendations to a professional audience.

General Assessment Information

Late Submission Penalties **(written assessments)**

If you submit your assessment late, 5% of the total possible marks will be deducted for each day (including weekends), up to 7 days. Submissions more than 7 days late will receive a mark of 0.

Example 1 (out of 100):

If you score 85/100 but submit **20 hours late**, you will lose **5 marks** and receive **80/100**.

Example 2 (out of 30):

If you score 27/30 but submit **20 hours late**, you will lose **1.5 marks** and receive **25.5/30**.

Extensions

Automatic short extension: Some assessments are eligible for automatic short extension. You can only apply for an automatic short extension before the due date. *Special Consideration*: If you need more time due to serious issues and for any assessments that are not eligible for Short Extension, you must apply for Special Consideration. Need help? Review the Special Consideration page for further details: https://students.mq.edu.au/study/assessment-exams/special-consideration'

Assessment Tasks

Name	Weighting	Hurdle	Due	Groupwork/Individual	Short Extension	AI Approach
Professional practice: Risk and control assessment	20%	No	18/10/2026	Individual	No	Open
Professional practice: Risk analysis & executive presentation	40%	No	29/11/2026	Individual	No	Open
Formal examination	40%	No	Exam Period	Individual	No	Open

Professional practice: Risk and control assessment

Assessment Type [1]: Problem-based task
Indicative Time on Task [2]: 20 hours
Due: **18/10/2026**
Weighting: **20%**
Groupwork/Individual: Individual
Short extension [3]: No
AI Approach: Open

The purpose of this assessment is to equip you with practical experience in conducting a comprehensive risk and control assessment within a real-world business context.

You will identify and document a business process of your choice, develop a risk matrix outlining inherent and residual risks, and apply appropriate controls. You will need to justify the connection between regulatory obligations, identified risks, and implemented controls, showcasing your understanding of risk management principles in practice.

Skills in focus:

- Critical thinking and problem solving
- Discipline knowledge
- Work readiness

Deliverable(s): Written Report [max 3000 words]

Individual assessment

On successful completion you will be able to:

- Apply a risk management framework to a range of risks and business contexts.

Professional practice: Risk analysis & executive presentation

Assessment Type [1]: Professional task
Indicative Time on Task [2]: 25 hours
Due: **29/11/2026**
Weighting: **40%**
Groupwork/Individual: Individual
Short extension [3]: No
AI Approach: Open

The purpose of this assessment is for you to demonstrate your ability to take an enterprise-wide perspective on risk management and communicate complex risk scenarios to senior stakeholders.

You will conduct a comprehensive analysis of multiple material risk types affecting an organisation, evaluate their interconnected impacts, and present strategic recommendations to a Board or senior management audience. You will synthesise various risk management concepts and articulate potential implications across different risk categories including credit, market, liquidity, and operational risks.

Skills in focus:

- Critical thinking and problem solving
- Communication skills
- Work readiness

Deliverable(s): Written report [max 4000 words] and executive presentation (15 min)

Individual assessment

On successful completion you will be able to:

- Use, interpret and critique quantitative models for risk analysis.
- Effectively communicate complex risk management ideas, information and recommendations to a professional audience.

Formal examination

Assessment Type [1]: Examination
Indicative Time on Task [2]: 25 hours
Due: **Exam Period**
Weighting: **40%**
Groupwork/Individual: Individual
Short extension [3]: No
AI Approach: Open

The purpose of this assessment is for you to demonstrate the expertise you have gained in this unit.

You will participate in a 2-hour exam held during the University Examination period.

Important information about the exam will be made available on the unit iLearn page. You should also review the MQ Exams website for general tips.

Deliverable(s): Formal exam

Individual assessment

On successful completion you will be able to:

- Apply a risk management framework to a range of risks and business contexts.
- Use, interpret and critique quantitative models for risk analysis.
- Effectively communicate complex risk management ideas, information and recommendations to a professional audience.

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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

Week	Topic	Activity
1	Introduction	Zoom Class Thursday 24 September 6:30pm
2	Risk Management Process	Zoom Class Thursday 1 October 6:30pm
3	Market Risk (Block)	10 and 11 October 2026 10am - 3pm
4	Strategic Risk	via iLearn
5	Capital and Liquidity	Zoom Class Thursday 22 October 2026 6:30pm
6	Risk Governance and Culture	Zoom Class Thursday 29 October 2026 6:30pm
7	Operational Risk (block)	7 and 8 November 2026 10am - 3pm.
8	Credit Risk	via iLearn
9	Accountability and Remuneration	Zoom Class Thursday 19 November 2026 6:30pm
10	Review	Zoom Class Thursday 26 November 2026 6:30pm

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 connect.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/

Academic Success

Academic Success provides resources to develop your English language proficiency, academic writing, and communication skills.

- Ask a Study Coach
- 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 the Service Connect Portal, or contact Service Connect.

IT Help

For help with University computer systems and technology, visit https://students.mq.edu.au/support/technology/service-desk.

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 2026.04 of the Handbook