



# AFCP8150

## Infrastructure, Property and Resources

Term 4, In person-scheduled-infrequent, City 2023

*Department of Applied Finance*

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## General Information

Unit convenor and teaching staff

Unit Convenor

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Credit points

10

Prerequisites

Admission to Master of Applied Finance or Graduate Diploma of Applied Finance

Corequisites

Co-badged status

Unit description

This unit focuses on infrastructure, property and resource investment and financing, including tools and techniques which can be applied to successful projects and investments. A key focus will be on practical application to real-world projects.

## 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:** Explain and evaluate the infrastructure, resource and property industry structure and value chain together with relevant financing tools and techniques.

**ULO2:** Critically assess projects in this industry using these techniques to find solutions with address risk and return requirements.

**ULO3:** Design an investment proposal for a professional practice project which uses appropriate analytical techniques and delivers practical solution(s) in response to the

needs of relevant stakeholders.

## General Assessment Information

### Late Assessment Submission Penalty (written assessments)

Unless a Special Consideration request 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/presentations, and/or scheduled practical assessments/labs, students need to submit an application for [Special Consideration](#).

## Assessment Tasks

Name	Weighting	Hurdle	Due
<a href="#">Transaction Analysis</a>	40%	No	Resources Week 5, Infrastructure Week 7
<a href="#">Class activities</a>	20%	No	Resources Week 4, Infrastructure Week 6, Property Week 10
<a href="#">Final assessment</a>	40%	No	Week 11 (Exam week)

## Transaction Analysis

Assessment Type [1](#): Case study/analysis

Indicative Time on Task [2](#): 30 hours

Due: **Resources Week 5, Infrastructure Week 7**

Weighting: **40%**

Assessment of financing transactions. Group and Individual tasks for each of up to 2,500 words.

On successful completion you will be able to:

- Critically assess projects in this industry using these techniques to find solutions with address risk and return requirements.
- Design an investment proposal for a professional practice project which uses appropriate analytical techniques and delivers practical solution(s) in response to the needs of

relevant stakeholders.

## Class activities

Assessment Type <sup>1</sup>: Participatory task

Indicative Time on Task <sup>2</sup>: 20 hours

Due: **Resources Week 4, Infrastructure Week 6, Property Week 10**

Weighting: **20%**

Tasks set with online classes including quizzes, online or recorded presentations, learning portfolio, analytical tasks and participation.

On successful completion you will be able to:

- Explain and evaluate the infrastructure, resource and property industry structure and value chain together with relevant financing tools and techniques.

## Final assessment

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

Indicative Time on Task <sup>2</sup>: 20 hours

Due: **Week 11 (Exam week)**

Weighting: **40%**

A time-constrained task based on scenarios. Open book.

On successful completion you will be able to:

- Explain and evaluate the infrastructure, resource and property industry structure and value chain together with relevant financing tools and techniques.
- Critically assess projects in this industry using these techniques to find solutions with address risk and return requirements.
- Design an investment proposal for a professional practice project which uses appropriate analytical techniques and delivers practical solution(s) in response to the needs of relevant stakeholders.

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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

### Required Text

There is no required text. Readings are included in iLearn. Students should assume these readings are examinable unless otherwise advised.

### Assumed Knowledge

This unit requires students to perform arithmetic (add, subtract, multiply, divide), to work with exponents (raise to the power of), and to perform algebraic manipulation of simple equations. For example, given the arithmetical answer to a calculation, it is expected that you can solve for one of the inputs. *If  $534 = 221 + X - 440$ , what is  $X$ ?*

Additionally, this unit requires students to solve mathematical problems using spreadsheet software by coding formulas into cells in the spreadsheet.

Students should be familiar with financial mathematics such as simple interest and the time value of money.

- *If \$200 is borrowed for 12 months at an interest rate of 6% pa to be paid monthly in arrears, how much interest is paid each month?*
- *What is the effective annual interest rate?*

### Unit Web Page

The web page for this unit can be found at: <https://ilearn.mq.edu.au/login/>

### Technology Used and Required

Here you will find forums, downloadable resources and links to important pages.

The forum allows you to communicate with other students and lecturer(s) and may provide supplementary material.

You are requested to post your questions on the forums at least 24 hours prior to the assignment submission date or the examination date. Questions posted after that time may not be answered. **Please try to not leave your questions to the last few days.**

### Important Notice:

It is important that you familiarise yourself with the unit's iLearn site.

All students should check iLearn regularly and look for updates and distribution of materials

related to the unit or assessments and participate in forum discussions.

**Assumed access to technology:** Access to a computer with word processing and spreadsheet capability is assumed, as is general student computer literacy. A recent version of Excel is the preferred choice of spreadsheet.

## Delivery Format and Other Details

The timetable for classes can be found on the University web site at: <http://www.timetables.mq.edu.au/>

## Unit Schedule

Topic	Week	Week Commencing	Session	Time
Welcome	1	Monday, 18 September 2023	Tuesday, 19 September 2023	6:00 - 7:30 pm
Resources	2	Monday, 25 September 2023		
Resources	3	Monday, 2 October 2023	Tuesday, 3 October 2023	6:00 - 8.00 pm
Resources Intensive	4	Monday, 9 October 2023	Saturday, 14 October 2023	10am -3pm
			Sunday, 15 October 2023	10am -3pm
Infrastructure	5	Monday, 16 October 2023	Tuesday, 17 October 2023	6:00 - 7:30 pm
Infrastructure intensive	6	Monday, 23 October 2023	Saturday, 28 October 2023	10am -3pm
			Sunday, 29 October 2023	10am -3pm
Infrastructure	7	Monday, 30 October 2023	Tuesday, 31 October 2023	6:00 - 7:30 pm
Property	8	Monday, 6 November 2023	Tuesday, 7 November 2023	6:00 - 7:30 pm
Property	9	Monday, 13 November 2023	Tuesday, 14 November 2023	6:00 - 7:30 pm
Property	10	Monday, 20 November 2023	Tuesday, 21 November 2023	6:00 - 7:30 pm
Exam week		Monday, 27 November 2023		
End		Sunday, 3 December 2023		

## 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](#)
- [Assessment Procedure](#)
- [Complaints Resolution Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#)

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

## 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/](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.