



ACCG2000

Cost Analysis and Managerial Decision Making

Session 2, Online-scheduled-In person assessment, North Ryde 2026

Department of Accounting and Corporate Governance

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General Information

Unit convenor and teaching staff

Sophia Su

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Credit points

10

Prerequisites

40cp at 1000 level or above including ACCG1000

Corequisites

Co-badged status

Unit description

This unit is the first of the two units in cost and management accounting that are required for accreditation with CPA Australia, the Chartered Accountants Australia and New Zealand (CAANZ) and the Institute of Public Accountants (IPA). The unit explains how cost information is generated and used in organisations for decision making purposes. There are three main parts to the unit: 1) using costs for decision making; 2) costing techniques (job/process costing and cost allocations); and 3) budget setting and evaluating performance against the budget. By the end of the unit, students are able to distinguish between the various product costing techniques available, solve problems by identifying and selecting appropriate courses of action, and demonstrate an understanding of budgeting techniques and the behavioural issues associated with budgeting practices.

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:** Distinguish between management and financial accounting and assess business operations using various product costing, budgeting and decision-making techniques
- ULO2:** Discuss and analyse management accounting issues and information.
- ULO3:** Use Microsoft Excel for fundamental managerial accounting planning, control and evaluation tasks.
- ULO4:** Apply appropriate management accounting concepts and techniques to formulate

informed solutions to business problems.

Assessment Tasks

Name	Weighting	Hurdle	Due	Groupwork/Individual	Short Extension	AI Approach
<u>Formal examination: Test</u>	35%	No	Week 13	Individual	No	Observed
<u>Skills development: Excel</u>	30%	No	18/09/2026	Individual	Yes	Open AI
<u>Professional practice: Cost analysis</u>	35%	No	11/09/2026	Individual	Yes	Open AI

Formal examination: Test

Assessment Type ¹: Examination

Indicative Time on Task ²: 30 hours

Due: **Week 13**

Weighting: **35%**

Groupwork/Individual: Individual

Short extension ³: No

AI Approach: Observed

The purpose of this assessment is for you to demonstrate your expertise in matters relevant to cost analysis and managerial decision making.

You will participate in a class test.

Skills in focus: Discipline knowledge

Deliverable(s): Test

Individual assessment

On successful completion you will be able to:

- Distinguish between management and financial accounting and assess business operations using various product costing, budgeting and decision-making techniques
- Discuss and analyse management accounting issues and information.
- Apply appropriate management accounting concepts and techniques to formulate informed solutions to business problems.

Skills development: Excel

Assessment Type ¹: Problem-based task

Indicative Time on Task ²: 20 hours

Due: **18/09/2026**

Weighting: **30%**

Groupwork/Individual: Individual

Short extension ³: Yes

AI Approach: Open AI

The purpose of this assessment is for you to develop digital skills that are key to the accounting profession.

You will use Excel software to tackle a business scenario.

Skills in focus: Work readiness

Deliverable(s): Excel spreadsheet

Individual assessment

On successful completion you will be able to:

- Use Microsoft Excel for fundamental managerial accounting planning, control and evaluation tasks.
- Apply appropriate management accounting concepts and techniques to formulate informed solutions to business problems.

Professional practice: Cost analysis

Assessment Type ¹: Problem-based task

Indicative Time on Task ²: 30 hours

Due: **11/09/2026**

Weighting: **35%**

Groupwork/Individual: Individual

Short extension ³: Yes

AI Approach: Open AI

The purpose of this assessment is for you to gain professional practice in how to conduct cost analysis and how that influences managerial decision making.

You will apply theoretical concepts covered in this course to practical examples of incorporating cost analysis in managerial decision making.

Skills in focus:

- Critical thinking and problem solving

- Discipline knowledge
- Communication skills

Deliverable(s): Written submission [2000 words]

Individual assessment

On successful completion you will be able to:

- Distinguish between management and financial accounting and assess business operations using various product costing, budgeting and decision-making techniques
- Discuss and analyse management accounting issues and information.
- Apply appropriate management accounting concepts and techniques to formulate informed solutions to business problems.

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

Classes Students should attend three hours of face-to-face/online teaching per topic consisting of a one and half hour lecture and a one-and-half hour tutorial. Students are advised to note that any changes to tutorial classes must be made online through eStudent. Students wishing to change their tutorial time should login to eStudent and enrol in a class where there is a vacancy. Staff members WILL NOT deal with tutorial changes unless there are exceptional circumstances. It is each student's responsibility to know which tutorial group they have been allocated to.

Prizes

Details of prizes for this unit are available at: http://www.businessandeconomics.mq.edu.au/undergraduate_degrees/prizes_scholarships.

Recommended Texts and/or Materials Management Accounting: Information for Creating and Managing Value By Kim Langfield-Smith, David Smith, Paul Andon, Ronald Hilton, and Helen Thorne, 9th edition 2021, McGraw-Hill. Access to this text is essential for lecture references and revision questions. This text (Ebook) can be purchased via: <https://www.booktopia.com.au>. You can also access this text through library.

Unit Web Page The web page for this unit can be found at: <http://ilearn.mq.edu.au>. You should also contact the IT helpdesk if you need assistance with using this website. Alternatively, use the help feature provided. Make sure that when you have finished website that you log out. Failure to do so could allow unauthorised access to your account.

The following information will be available on the website:

- Assessment guide
- Important announcements
- Lecture notes
- Staff consultation hours
- Staff contact details
- Tutorial questions and solutions
- Online practice quizzes
- Other relevant material

You are encouraged to regularly check the website and use it as an information and resource centre to assist with your learning.

Teaching and Learning Strategy The course is structured around a 1.5 hour lecture and a 1.5 hour tutorial per topic. Lectures are intended to provide students with an overview of the main concepts and techniques. Lectures may not cover all of the material and students are expected to read all of the prescribed references prior to the lecture. Tutorials will be run on a workshop basis with students being given the opportunity to apply the concepts to additional problems and exercises. The tutorials are designed to provide an interactive environment in which students will be able to discuss issues and problems with each other, and their tutor, in order to improve their understanding of material. Regular class attendance, reading of prescribed references and the completion of tutorial and revision questions are essential for satisfactory progress in this course.

Lecture slides and additional material for tutorials and lectures will be available to download via the unit website. Any other announcement regarding the unit will also be available from the website.

Unit Schedule

Lecture Week	Week commencing:	Topic	Prescribed references
1	27 July	Introduction & Basic cost concepts and terms	Chapter 1 Chapter 2 Chapter 3

2	3 August	Cost Volume Profit Analysis	Chapter 18
3	10 August	Product Costing Systems – Job Costing	Chapter 4 pp.125-136 and pp.138-151
4	17 August	Process Costing	Chapter 4 pp.136-138 and pp.151-154; Chapter 5 pp.177-184
5	24 August	A Closer Look at Overhead Costs	Chapter 7
6	31 August	Activity-Based Costing	Chapter 8
7	7 September	Excel Lecture	All excel videos on iLearn
8	14 September	Absorption and Variable Costing Service Costing	Chapter 6 Chapter 7 pp.306-311
MID-SESSION BREAK (From 21 September to 5 October)			
9	6 October	Information for Decisions	Chapter 19

10	12 October	Product Mix Decisions	Chapter 20 pp. 933-938; pp. 945-947; pp. 952-955
11	19 October	Budgeting	Chapter 9 Chapter 11 pp. 494-498
12	26 October	Standard Costing for Control	Chapter 10 Chapter 11 pp. 498-511
13	2 November	IN CLASS TEST	

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 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 2026.03 of the [Handbook](#)