ACCG2000

Cost Analysis and Managerial Decision Making

Session 2, Online-scheduled-In person assessment, North Ryde 2025

Department of Accounting and Corporate Governance

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General Information

Unit convenor and teaching staff
Sophia Su
sophia.su@mq.edu.au

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.

General Assessment Information

Assessment task 1: Professional Practice – Cost Analysis Assignment (35%)

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.

The assignment will cover lecture topics from weeks 1 to 5. The assignment will be released on iLearn on 28 August (Thursday in Week 5). **You are required to complete and submit the assignment via iLearn by 11:55pm on 12 Sep (Friday in Week 7).**

Mark of ZERO will be given for non-submission. Unless an application for Special Consideration has been submitted and approved, a 5% penalty (of the total possible mark) will be applied each day, up until the 7th day (including weekends). After the 7th day, a grade of '0' will be awarded even if the assessment is submitted.

Assessment task 2: Excel assignment (30%)

The excel assignment consists of two parts, 20% of the written excel assignment and 10% of online quiz.

The written excel assignment will be released on iLearn on 8 September (Monday Week 7). **You are required to complete and submit the excel assignment via iLearn by 11:55pm on 21 September (Sunday of Week 8).** A mark of ZERO will be given for non-submission. Unless an application for Special Consideration has been submitted and approved, a 5% penalty (of the total possible mark) will be applied each day, up until the 7th day (including weekends). After the 7th day, a grade of '0' will be awarded even if the assessment is submitted.

You are also required to complete an online quiz which assesses your knowledge covered in the written assignment. The quiz will consist of 20 multiple choice questions and will become available on iLearn from **7 October 9am to 9 October 9pm**. Only one attempt is allowed and once you start you will have 20 minutes to complete the quiz.

For enquiries in relation to the excel assignment, please contact **Ms Nicky Bull** via **nicole.bull@mq.edu.au**. More details about the excel assignment will be uploaded on iLearn in due course.

Assessment task 3: Class test (35%)

The class test will be conducted via iLearn **during your tutorial time in week 13.**

Students who are enrolled in online tutorials must attend the class test on campus in week 13.

The test will cover lecture topics from Weeks 6 to 12.

More details in relation to the tests will be provided on iLearn in due course. You must complete the test in your registered tutorial class (Attendance will be taken). No extension will be granted

except for cases in which an application for special consideration is made and approved.

Assessment Tasks

Name	Weighting	Hurdle	Due	Groupwork/Individual	Short Extension	AI Approach
Formal and observed learning: Test	35%	No	12/09/2025		No	
Skills development: Excel	30%	No	21/09/2025		No	
Professional practice: Cost analysis	35%	No	Week 13		No	

Formal and observed learning: Test

Assessment Type [1]: Quiz/Test
Indicative Time on Task [2]: 30 hours
Due: **12/09/2025**
Weighting: **35%**
Groupwork/Individual:
Short extension [3]: No
AI Approach:

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: 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]: Quantitative analysis task

Indicative Time on Task [2]: 20 hours
Due: **21/09/2025**
Weighting: **30%**
Groupwork/Individual:
Short extension [3]: No
AI Approach:

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: - Digital skills (Excel) - Work readiness

Deliverable: 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]: Practice-based task
Indicative Time on Task [2]: 30 hours
Due: **Week 13**
Weighting: **35%**
Groupwork/Individual:
Short extension [3]: No
AI Approach:

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 & Problem Solving - Communication

Deliverable: Written submission 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.

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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

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. Students will not be awarded any tutorial marks unless they attend the class in which they are formally enrolled.

Prizes

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

Required and 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 and print versions) can be purchased directly via: https://www.mheducation.com.au/9781743767603

15% Discount Code: 2025SL15

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:

• Unit 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	28 July	**Introduction & Basic cost concepts and terms**	Chapter 1 Chapter 2 Chapter 3
2	4 August	**Cost Volume Profit Analysis**	Chapter 18
3	11 August	**Product Costing Systems – Job Costing**	Chapter 4 pp.125-136 and pp.138-151
4	18 August	**Process Costing**	Chapter 4 pp.136-138 and pp.151-154; Chapter 5 pp.177-184
5	25 August	**A Closer Look at Overhead Costs**	Chapter 7
6	1 September	**Activity-Based Costing**	Chapter 8
7	8 September	**Excel Lecture**	All excel videos on iLearn
8	15 September	**Absorption and Variable Costing** **Service Costing**	Chapter 6 Chapter 7 pp.306-311
MID-SESSION BREAK (From 20 September to 6 October)			

9	7 October	**Information for Decisions**	Chapter 19
10	13 October	**Product Mix Decisions**	Chapter 20 pp. 933-938; pp. 945-947; pp. 952-955
11	20 October	**Budgeting**	Chapter 9 Chapter 11 pp. 494-498
12	27 October	**Standard Costing for Control**	Chapter 10 Chapter 11 pp. 498-511
13	3 November	***IN CLASS TEST***	

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.

- 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 the Service Connect Portal, 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/.

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 2025.04 of the Handbook