



ECON2003

Microeconomic Analysis and Applications

Session 1, In person-scheduled-weekday, North Ryde 2022

Department of Economics

Contents

<u>General Information</u>	2
<u>Learning Outcomes</u>	2
<u>General Assessment Information</u>	3
<u>Assessment Tasks</u>	4
<u>Delivery and Resources</u>	5
<u>Unit Schedule</u>	7
<u>Policies and Procedures</u>	8

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General Information

Unit convenor and teaching staff

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Tutor

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Credit points

10

Prerequisites

50cp at 1000 level or above including ECON111 or ECON1021

Corequisites

Co-badged status

Unit description

This is an intermediate-level unit in theoretical and applied microeconomics. Topics may include: consumer choice; demand theory; welfare measurement; labour supply; intertemporal consumption; choice under uncertainty; theory of the firm; production and cost theory; profit maximisation; perfect competition; monopoly; oligopoly; game theory and general equilibrium.

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: Analyse and describe how principles of microeconomics are relevant in decision-making by economic agents.

ULO2: Critically analyse microeconomic theory in the solution of real life economic problems.

ULO3: Demonstrate competence in communicating the knowledge, solution and interpretation of models in microeconomics.

General Assessment Information

Online quizzes

The first online quiz will cover lecture material from weeks 1-2, the second online quiz will cover lecture material from weeks 3-4, the third online quiz will cover lecture materials from weeks 5-8, the fourth online quiz will cover lecture materials from weeks 9-12.

During quiz weeks, quizzes will be released on iLearn at 9am on Monday and close at 5pm the following Sunday.

Individual Assignments

The first assignment is due by **3pm on Friday, Week 6** and the second assignment is due by **3pm on Friday, Week 12**.

The first assignment will be available on iLearn in week 2 and the second assignment will be available in week 8.

Final exam

The examination will cover material drawn from all parts of the unit's subject matter. The exam may consist of multiple-choice questions and written-answer questions.

Late submissions of assessments

Unless a Special Consideration request has been submitted and approved, no extensions will be granted. There will be a deduction of 10% of the total available assessment-task marks made from the total awarded mark for each 24-hour period or part thereof that the submission is late. Late submissions will only be accepted up to 96 hours after the due date and time.

No late submissions will be accepted for timed assessments – e.g., quizzes, online tests.

Table 1: Penalty calculation based on submission time

Submission time after the due date (including weekends)	Penalty (% of available assessment task mark)	Example: for a non-timed assessment task marked out of 30
<24 hours	10%	10% x 30 marks = 3-mark deduction
24-48 hours	20%	20% x 30 marks = 6-mark deduction
48-72 hours	30%	30% x 30 marks = 9-mark deduction
72 – 96 hours	40%	40% x 30 marks = 12-mark deduction
>96 hours	100%	Assignment won't be accepted

Special Consideration

To request an extension on the due date/time for a timed or non-timed assessment task, you must submit a Special Consideration application. An application for Special Consideration does not guarantee approval.

The approved extension date for a student becomes the new due date for that student. The late submission penalties above then apply as of the new due date

Assessment Tasks

Name	Weighting	Hurdle	Due
<u>Assignments</u>	30%	No	Week 6, Week 12 (Turnitin submission by 3 PM Friday)
<u>Online quizzes</u>	20%	No	Weeks 3, 5, 9, 13 (online)
<u>Final examination online</u>	50%	No	University examination period

Assignments

Assessment Type ¹: Essay

Indicative Time on Task ²: 30 hours

Due: **Week 6, Week 12 (Turnitin submission by 3 PM Friday)**

Weighting: **30%**

There will be two individual assignments to be completed during the session. Each assignment will be in the form of a 1,250 word written essay and is worth 15% of your final mark in the unit.

On successful completion you will be able to:

- Analyse and describe how principles of microeconomics are relevant in decision-making by economic agents.
- Critically analyse microeconomic theory in the solution of real life economic problems.
- Demonstrate competence in communicating the knowledge, solution and interpretation of models in microeconomics.

Online quizzes

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 15 hours

Due: **Weeks 3, 5, 9, 13 (online)**

Weighting: **20%**

There will be four online quizzes conducted throughout the session. 20% marks will be allocated equally to these quizzes (5% each quiz).

On successful completion you will be able to:

- Analyse and describe how principles of microeconomics are relevant in decision-making by economic agents.
- Critically analyse microeconomic theory in the solution of real life economic problems.
- Demonstrate competence in communicating the knowledge, solution and interpretation of models in microeconomics.

Final examination online

Assessment Type ¹: Examination

Indicative Time on Task ²: 35 hours

Due: **University examination period**

Weighting: **50%**

A two hour open book examination, consisting of multiple choice and short answer questions, will be held during the University Examination Period.

On successful completion you will be able to:

- Analyse and describe how principles of microeconomics are relevant in decision-making by economic agents.
- Critically analyse microeconomic theory in the solution of real life economic problems.
- Demonstrate competence in communicating the knowledge, solution and interpretation of models in microeconomics.

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
- the [Writing Centre](#) 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

Delivery and Resources

Delivery and Resources

Prescribed textbook

Students are recommended to purchase the following textbook:

- Goolsbee, A, Levitt, S.. & Syverson, C, (2020) *Microeconomics (3rd Ed.)*, Macmillan.

The text is available for purchase <https://www.booktopia.com.au/coop> or may be purchased as an e-book (<http://www.vitalsource.com/en-au/products/microeconomics-austan-goosbee-stevenson-v9781319136628?term=goosbee>).

The publisher also provides additional resources through 'Launchpad', an online site that includes the e-book and various other resources (practice tests, etc). If you have purchased an access code for Launchpad, you should go to the website <http://www.macmillanhighered.com/launchpad/gls2e/10291617> and enroll in the online course. Please note, this is an extra resource and it is NOT required for the unit. It is entirely optional whether or not you wish to purchase these extra resources. More information about Launchpad is provided in the introduction to the text.

Additional references (in alphabetical order)

Apart from the prescribed textbook, students may find the following resources useful.

- Frank, R.H. (2010), *Microeconomics and Behavior (8th Ed)*, Boston: McGraw-Hill.
- Nechyba, T.J. (2011), *Microeconomics: An Intuitive Approach with Calculus (1st Ed)*, South-Western.
- Perloff, J.M. (2016) *Microeconomics (7th Ed)*, Pearson
- Pindyck R.S. and Rubinfeld D.L. (2017), *Microeconomics (9th Ed)*, Pearson International Edition.
- Varian, H.R. (2014), *Intermediate Microeconomics: A Modern Approach (9th Ed)*, New York: Norton.

For equity concerns, the library has assisted ECON2003 with placing scanned resources from a variety of resources on the library's e-Reserve website. If you are facing financial difficulties in obtaining a textbook, this could be an option for you.

Technology used and required

The unit uses the learning management system (iLearn) that can be accessed via iLearn.mq.edu.au. The lecture slides for each week's lecture will be posted on iLearn by 5pm Friday each week before the lecture.

The iLearn site is also used to post important notices. You should check this regularly. The iLearn web page has the facility to allow peer to peer discussion and also allows students to put questions to an Online-Tutor. The Online-Tutor will attempt to answer your questions in a timely manner.

Learning and teaching activities

This unit is taught as a mix of tutorials and lectures. The lectures are designed to provide the tools which can then be applied in tutorials.

Lectures – large group learning (2 hours every week - delivered online - 1 hour pre-recorded & 1 hour online either by zoom or ECHO360)

Lectures are intended to provide an overview of the key concepts explored in the unit. Students are expected to read the relevant chapter(s) before each lecture. ECON2003 relies heavily on independent learning where students read the relevant chapter(s), revise lecture notes and prepare answers to the tutorial questions.

Tutorials – small group learning (1 hour for each topic online and/or face to face to allocated groups)

Tutorials constitute a critical learning experience of this unit and students must attend. Group work is an essential part of this learning. In ECON2003 we emphasise peer-to-peer learning by working as a group through the exercises and learning from others. Your tutor's role is to help you understand the material. Ask your tutor for guidance on how to approach questions and problems. Brief tutorial solutions will be posted on iLearn after completion of all classes of each week.

Note: *The intended delivery mode may need to change after the start of the session due to the evolving covid situation and students need to ensure they keep up with iLearn Announcements made during the session accordingly.*

PAL, Peer Assisted Learning (1 hour for each topic, subject to change)

Revision of the material from both lectures and tutorials.

Unit Schedule

Week	Lecture Topic	Readings	Assessment
1	Introduction; supply and demand revision	Ch 2, 3	
2	Consumer behaviour	Ch 4	
3	Individual and market demand	Ch 5	Online quiz 1
4	Producer behaviour; costs	Ch 6, 7	
5	Perfect competition; monopoly	Ch 8, 9	Online quiz 2
6	Monopoly, Pricing strategies for firms with market power	Ch 10	Assignment 1
	MID-SESSION BREAK		

7	Imperfect competition	Ch 11	
8	Game theory	Ch 12	
9	Factor markets	Ch 13	Online quiz 3
10	General equilibrium	Ch 15	
11	General equilibrium (cont.); asymmetric information	Ch 15,16	
12	Public economics and Externalities	Ch 17	Assignment 2
13	Revision		Online quiz 4

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 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/>

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 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/.

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.