

**Carnegie Mellon University
H. John Heinz III College
Adelaide, Australia
February 2021**

**90-710K Applied Economic Analysis 1
Course Syllabus**

INSTRUCTOR

Dr Danura Miriyagalla
Office Hours: By appointment
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COURSE ORGANISATION

Classes are held on Mondays from 10:30am to 1:20pm (remotely).

COURSE CONTENT

This course is an introduction to the basic theoretical concepts of microeconomics. It is also designed to give you a broad understanding of the application of these concepts in different sectors.

By the end of this course you should:

- Understand the core concepts of microeconomics
- Understand how economic decisions are taken by individuals, private institutions and governments
- Develop the ability to apply the key economic ideas in evaluating different public policies.
- Have developed the conceptual basis to provide economic policy advice to governments;

COURSE OUTLINE

L1: Introduction, Comparative Advantage, Supply and Demand

L2: Marginal Utilities/Costs/Returns and Elasticities

L3: Perfect competition and Efficiency

First Exam

L4: Market Imperfections and Government Imperfections

L5: Strategic Behaviour and Externalities

L6: Asymmetric Information

Second Exam

L7: Microeconomics of Employment

L8: Microeconomics of Civil Conflict

L9: Microeconomics of Healthcare

L10: Microeconomics of International Investment and Trade

L11: Microeconomics of Climate Change or Higher Education (class vote)

L12: **Presentations**

Final Paper

READINGS

In the first half of the course, we will use the following textbook: *Principles of Microeconomics, Brief Edition* by Robert Frank and Ben Bernanke, (New York: McGraw-Hill). Please read the relevant chapters of the book before or immediately after each class.

In the second half, additional readings will be made available so that students have a wide understanding of how the concepts discussed in the class are applied. Students are expected to read them in advance so that they can participate in the class discussions.

YOUR ROLE

You are expected to:

- Attend class and constructively participate in it
- Read materials for each week
- Take responsibility for assignments
- Contribute to group activities
- Conduct your learning with academic integrity
- Be aware of and be proactive about your own learning style and time management

REQUIREMENTS

There are no prerequisites for this course.

Students are encouraged to read the relevant chapters of the textbook before each lecture or immediately afterwards. They are also encouraged to read widely in sectors of their interest and apply microeconomic concepts.

Students must attend all classes to ensure that concepts are understood and participate in discussions.

ASSIGNMENTS

The final grade is comprised of the following:

First exam	= 30%
Second exam	= 20%
Final paper	= 30%
Presentation	= 10%
Attendance and participation	= 10%

POLICY ON ACADEMIC MISCONDUCT

There will be several assignments as part of the course. If you use others' work as part of any graded submission and fail to reference it properly or to acknowledge that it is not your own creation, you will be considered to have plagiarised that material. **You are responsible to know what proper referencing means.** The material provided to you by the College as part of your orientation contains this information. If you have any questions, ask the program director or me prior to submitting an assignment.

Of course, collaboration is not permitted during any exam and every student is responsible to know and abide by all policies regarding academic misconduct of the Heinz College. You are required to review thoroughly the material on academic integrity presented in master's program handbooks

<http://www.heinz.cmu.edu/australia/students/handbooks/index.aspx>

If you are found to be cheating, plagiarising or engaged in any form of academic misconduct in the preparation of materials that are evaluated for grading purposes **you will automatically be failed in the course.** In addition, you will be referred to the Dean for additional disciplinary action, up to and including expulsion from the school.

GRADING SCALE

The grading scale will be:

A+ 100-98; A 97-94; A- 93-90

B+ 89-87; B 86-83; B- 80-82

C 70-79

F <70

COURSE WEB SITE

This course uses CMU's *canvas* portal to provide an integrated course management system.

The site allows you to access a number of resources, including:

- Course syllabus
- Lectures
- Course updates and announcements
- Readings available in electronic form
- Links to other Internet resources