



School of Economics and Finance

Econ 404
ADVANCED MICROECONOMIC THEORY A
COURSE OUTLINE 2005

A study of advanced microeconomic theories including: consumer theory, producer theory, general equilibrium

Teaching Staff

Jack Robles	Office	RH 317
	Email	jack.robles@vuw.ac.nz
	Office Hours	Thursday 1-3 (or by appointment)
Vladimir Petkov	Office	RH 311
	Email	vladimir.petkov@vuw.ac.nz
	Office Hours	TBA

Class Times and Room Numbers

Wednesdays 2:40-5:30 in RH MZ5. Lectures are expected to last between 2 and 3 hours.

Readings

The main text is:

Mas-Collel, Whinston, and Green, *Microeconomic Theory*, Oxford University Press, Oxford (1995).

Assessment Requirements

The final grade in this course will be calculated using the results of two assignments and a final examination.

Assignment 1: Due at start of lecture 7, Wednesday, 20 April. 25%

Assignment 2: Due at 6 PM, Wednesday, 1 June. 25%

Final exam: Two hours, date to be advised. 50%

Late assignments will not be marked.

Preparation

QUAN 201 and ECON 314 are the formal prerequisites for this course. Although we will make extensive use of mathematical techniques, prior knowledge of advanced mathematics is not essential to succeed in this course. However, it is essential that you be comfortable with mathematical arguments.

Lecture Outline

Part I (VP)

1. **Consumer Choice:** Preference relations and choice rules; utility maximization and expenditure minimization; Walrasian and Hicksian demand; the indirect utility function and the expenditure function; the duality of expenditure minimization and utility maximization; integrability.
2. **Production:** production sets and technology; profit maximization and cost minimization; properties of the profit and cost functions.
3. **General Equilibrium:** existence of equilibrium, welfare analysis.

Part II (JR)

4. **Preferences with Uncertainty:** lotteries, decision flow diagrams, axioms, basic reference lottery tickets, von Neuman-Morganstern utility functions.
5. **Preferences with Three Outcomes:** Indifference curves, risk and money love, linearity in probabilities.
6. **Risk Aversion:** Definition, the certainty money equivalent, the probability premium, measures of risk aversion.
7. **The Favourable Bet Theorem:** The Ulam coward, general statement.
8. **Monotonicity and Tradeoffs:** Mean-variance analysis, stochastic dominance, the demand for insurance.
9. **Topics:** Search the value of information.

Some supplementary readings for the second part of the course will be indicated on Robles's web page.

General University Policies and Statutes

Students should familiarise themselves with the University's policies and statutes, particularly those regarding assessment and course of study requirements, and formal academic grievance procedures.

Student Conduct and Staff Conduct

The Statute on Student Conduct together with the Policy on Staff Conduct ensure that members of the University community are able to work, learn, study and participate in the academic and social aspects of the University's life in an atmosphere of safety and respect. The Statute on Student Conduct contains information on what conduct is prohibited and what steps can be taken if there is a complaint. For queries about complaint procedures under the Statute on Student Conduct, contact the Facilitator and Disputes Advisor. This Statute is available in the Faculty Student Administration Office or on the website at: www.vuw.ac.nz/policy/StudentConduct.

The policy on Staff Conduct can be found on the VUW website at: www.vuw.ac.nz/policy/StaffConduct.

Academic Grievances

If you have any academic problems with your course you should talk to the tutor or lecturer concerned or, if you are not satisfied with the result of that meeting, see the Head of School or the Associate Dean (Students) of your Faculty. Class representatives are available to assist you with this process. If, after trying the above channels, you are still unsatisfied, formal grievance procedures can be invoked. These are set out in the Academic Grievances Policy which is published on the VUW website:

www.vuw.ac.nz/policy/AcademicGrievances.

Academic Integrity and Plagiarism

Academic integrity is about honesty – put simply it means **no cheating**. All members of the University community are responsible for upholding academic integrity, which means staff and students are expected to behave honestly, fairly and with respect for others at all times.

Plagiarism is a form of cheating which undermines academic integrity. Plagiarism is **prohibited** at Victoria.

The University defines plagiarism as follows:

Plagiarism is presenting someone else's work as if it were your own, whether you mean to or not.

'Someone else's work' means anything that is not your own idea, even if it is presented in your own style. It includes material from books, journals or any other printed source, the work of other students or staff, information from the Internet, software programmes and other electronic material, designs and ideas. It also includes the organization or structuring of any such material.

Plagiarism is not worth the risk.

Any enrolled student found guilty of plagiarism will be subject to disciplinary procedures under the Statute on Student Conduct (www.vuw.ac.nz/policy/studentconduct) and may be penalized severely. Consequences of being found guilty of plagiarism can include:

- an oral or written warning
- suspension from class or university
- cancellation of your mark for an assessment or a fail grade for the course.

Find out more about plagiarism and how to avoid it, on the University's website at: www.vuw.ac.nz/home/studying/plagiarism.html.

Students with Disabilities

The University has a policy of reasonable accommodation of the needs of students with disabilities. The policy aims to give students with disabilities an equal opportunity with all other students to demonstrate their abilities. If you have a disability, impairment or chronic medical condition (temporary, permanent or recurring) that may impact on your ability to participate, learn and/or achieve in lectures and tutorials or in meeting the course requirements, then please contact the Course Coordinator as early in the course as possible. Alternatively you may wish to approach a Student Adviser from Disability Support Services to confidentially discuss your individual needs and the options and support that are available. Disability Support Services are located on Level 1, Robert Stout Building, or phoning 463-6070, email: disability@vuw.ac.nz. The name of your School's Disability Liaison Person can be obtained from the Administrative Assistant or the School Prospectus.

Student Support

Staff at Victoria want students' learning experiences at the University to be positive. If your academic progress is causing you concern, please contact the relevant Course Co-ordinator, or Associate Dean who will either help you directly or put you in contact with someone who can.

The Student Services Group is also available to provide a variety of support and services. Find out more at www.vuw.ac.nz/st_services/ or email student-services@vuw.ac.nz.

VUWSA employs two Education Coordinators who deal with academic problems and provide support, advice and advocacy services, as well as organising class representatives and faculty delegates. The Education Office is located on the ground floor, Student Union Building, phone 463 6983 or 463 6984, email education@vuwsa.org.nz.