

**EC3101 Microeconomic Analysis II**  
**Semester 1 AY 2015/2016**

**Course Information**

Instructor: Timothy WONG

Lecture: Tuesday 8:00 am – 10:00 am, LT 8

Office hour: Tuesday 1:00 pm – 3:00 pm or by appointment

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**Course Overview**

This course is designed to help students

- Master key concepts and principles in microeconomic theory
- Develop a set of mathematical and analytical tools

**Course Details**

*Readings*

- Textbook: Intermediate Microeconomics - A Modern Approach (9th edition) by Hal Varian
- Lecture notes: Powerpoint slides will be posted on IVLE every Monday before 6pm

*Homework*

There are two *individual* homework problem sets. Homework problem sets will be posted on IVLE one week before its due date. Students are required to submit their homework in hard copies to their tutors' mailboxes on time. Graded homework will be returned in tutorials and solutions will be posted on IVLE after the due date. If a homework is turned in passed the due date, 20% of the total possible points will be deducted from that homework each day it is late.

*Practice Problems*

Starting from week 2, practice problems will be assigned after each lecture. These problems will be discussed in the following tutorial session, but they will not be collected. Students are encouraged to work with others on these problems.

*Tutorials*

Tutorial sessions will start in week 3. There will be no tutorials in week 7 (the midterm week). In each tutorial, students will present solutions to the practice problems assigned in the previous week. Every student needs to present at least once in the semester. In the event that a student presents more than once in the semester, only his/her first presentation will be graded. Presentations are graded based on both content (concepts and logic) and delivery (clarity and organization).

### *Attendance*

You are expected to attend all lectures and tutorials. Attendance will be taken in tutorials. Faculty policy requires the tutors to inform the Dean's office when a student misses more than two tutorials.

### *Exams*

There will be a closed-book midterm and a non-cumulative, closed-book final. Midterm will be held on **29 September** at 8 am (venue to be confirmed in late August). If a student misses the midterm exam, he/she needs to provide a valid reason and documentary proof to qualify for a makeup midterm. Since students taking the makeup midterm have more time to study, to ensure fairness the makeup will be more difficult and may cover more topics than the original one. Final will be held on **30 November (Monday)** at 1 pm.

### *Assessment*

- Homework, 10%
- Participation, 10%
- Midterm Exam, 30%
- Final Exam, 50%

### *Other Policies*

- Academic dishonesty is **unacceptable**. Any suspected cases of dishonesty will be reported and handled according to university policy.
- Content taught in this course builds on material from previous courses, in particular, EC2101. Students will fare better in this course if they are familiar with the concepts of consumer theory, production theory and competitive markets. It is recommended that students review their notes from EC2101 so that they can more easily master the material presented in this course.

### *Tentative Course Outline*

Week 1 (Aug 11)	Course Overview; Intertemporal Choice, Ch.10
Week 2 (Aug 18)	Uncertainty, Ch. 12
Week 3 (Aug 25)	Exchange, Ch.32
Week 4 (Sept 1)	Monopoly, Ch.25
Week 5 (Sept 8)	Monopoly, Ch.25; Oligopoly, Ch.28 [Homework 1 due on Sept 11 at 6pm]
Week 6 (Sept 15)	Oligopoly, Ch.28
Recess Week	
Week 7 (Sept 29)	Midterm [No tutorial this week]
Week 8 (Oct 6)	Game Theory, Ch.29
Week 9 (Oct 13)	Game Theory, Ch.29, Game Applications, Ch. 30
Week 10 (Oct 20)	Game Applications, Ch. 30
Week 11 (Oct 27)	Externalities, Ch. 35, Public Goods, Ch. 37 [Homework 2 due on Oct 30 at 6pm]
Week 12 (Nov 2)	Asymmetric Information, Ch. 38
Week 13 (Nov 9)	Review [webcast lecture in lieu of Deepavali holiday]