

## **EC4101 (L1): Microeconomic Analysis III**

**Lecturer: Parimal Bag**

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### **How to go about this module**

#### ***Preparation for this module***

You are required to have some level of knowledge of mathematics and microeconomics to take this module. You should be comfortable with concepts like differentiation and integration of functions, continuity of functions, maximization of functions, solutions of linear equations, etc. Knowledge of basic concepts of probability and expectations of random variables will be necessary. It will be assumed that you remember most of the materials from Microeconomic Analysis I and II. A large part of this module will involve a deeper and more technical treatment of materials from Microeconomics Analysis I and II. Also, applications will be discussed.

#### ***Lecture Slides***

Slides for the lectures will be posted on the IVLE in advance. If there is some modification to the slides prior to the lecture, the changed slides will be posted as soon as the changes are made.

The material on the slides would act as a detailed guide to the specific material in the chapter that is covered in the lecture. The sections and subsections not covered in the slides or tutorial problem sets may be ignored. But please be aware that some materials may be related, conceptually, to more than one chapter/section of the book. Further, some concepts, while not explicitly from the textbook, may still be suitable for tests, given that we are in a senior Honors level microeconomics module.

## ***Tutorial***

The last hour of the three-hour slot (9am-12pm) will be exclusively devoted to tutorial. Tutorial will start in week 3 and will run for 10 weeks except during the recess week and the mid-term week.

### *Procedure for conducting tutorial:*

1. A tutorial assignment will be distributed a week in advance, sometimes even earlier.
2. Students must form groups, each group containing 5 members. I expect a total of ten groups (in a class of 50 students). Each group will be responsible to lead the discussion in the week of their assignment. Even when not assigned during a particular week, students are expected to take part in the tutorials.
3. Tutorials should be conducted in a manner so that others can follow your argument/presentation without too much difficulty. That is, you must prepare your answers and bring it in an electronic file (Word, ppt, pdf) ready for presentation before the class. This will also help you sharpen your general presentation skills that are valued by prospective employers.
4. Attendance at tutorials will be recorded.
5. Tutorial solution will be posted on the IVLE after the assignment has been discussed in full.

## ***IVLE Forum***

The Forum for the module in IVLE is open for posting. You are strongly advised to use the facility to help each other. If your question is to me, then you need to have a subject title that says “For Instructor” and then clearly specifies the topic. For instance, a sample subject title could be “For Instructor: Duality.” If your question is regarding a topic that is already being discussed, then you need to ask the question as part of that thread. The “For Instructor” threads are reserved for

asking questions only; please refrain from suggestions, comments or explanations in these threads.

### ***No Make-up***

If you miss a tutorial or the mid-term examination, there is no make-up. So please plan your schedule accordingly.

### ***Important Dates***

First day of lecture: August 14, 2012.

Mid-term Exam: 18.00-21.00 on October 2 at **LT 9**. Closed-book. Standard calculators are allowed (no Scientific Calculator please).

Final Exam: 09.00 on November 28.

*The instructor reserves the right to make necessary changes to the syllabus during the course of the semester in line with NUS policies.*