Econ 3133 Microeconomic Theory II
Hong Kong University of Science and Technology
Department of Economics

Course Information

Instructor: Yangguang (Sunny) HUANG
Email: huangyg@ust.hk
Class time: Wed Fri 13:30-14:50 (Room 4620)
Office hour: Tue Thur 15:00-16:00 (LSK 6075)
Course website: canvas.ust.hk

Teaching Assistant: Jason CHEUNG
Email: jtkcheung@ust.hk
Tutorial time: Fri 18:00-18:50 (Room 6573)
Office hour:

Textbook:
Main: *Microeconomic Theory: Basic Principles and Extensions*, by Nicholson and Snyder

Grading:
- Homework assignments, 20%
- Midterm exam, 30%
- Final exam, 50%

For Homework, group study is encouraged, but you need to turn in your own homework.
Final exam covers all the course materials (cumulative). Absence in an exam without a prior notification and a reasonable and verifiable justification will result in zero point for that part.

Other Information

Center for Language Education: [http://cle.ust.hk/](http://cle.ust.hk/).
Math Support Center: [https://www.math.ust.hk/~support/](https://www.math.ust.hk/~support/).

Learning Goal

This is a sequel to the Microeconomic Theory I (Econ 3113). This two-part sequence is designed to provide a detailed study of basic topics in Microeconomics with a special emphasis on using a rigorous analytical approach. In Econ 3133, we study firms’ behavior and market/strategic equilibrium in detail. Topics include firms’ production and cost, competitive equilibrium and welfare, monopoly, game
theory and its application in Microeconomics. Emphases are placed on a rigorous analytical and mathematical approach, and multivariate calculus will be used extensively.

Per Program Intended Learning Objective (PILO) for BSc in Economics and Finance, after completing this course, students will
1. Understand the logic, scientific basis, and critical thinking of economic analyses (PILO 1);
2. Have a sophisticated knowledge of economics, apply it to explain economic and social phenomena, and make sound economic decisions (PILO 4);
3. Develop ability to qualitatively analyze basic economic and social problems. Conduct basic economic analysis and research of the economy and society (PILO 4);
4. Collaborating effectively with your team members to answer questions in homework (PILO 5, 7);
5. Have informed ethical thinking based on rigorous economic and social analyses (PILO 8)
6. Be a lifelong user of economic analysis (PILO 9)

Outline and Schedule

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<td>Math Review</td>
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<td>Production Functions</td>
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<td>Game Theory</td>
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<td>Imperfect Competition</td>
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<td>Externalities and Public Goods</td>
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**Final Exam**

*Midterm is currently scheduled on Oct 24th, but is subject to change due to teaching pace and issues such as Typhoon.*