

Course Syllabus for Microeconomic Theory I

Instructor: 古慧雯

Course Description: In the first half semester, we shall discuss basic concepts of microeconomics. Students will be trained to have some analytical skills and learn how to discuss cases.

Varian (1992) will be used, and the following topics will be covered:

1. Consumption
 - a. utility maximization (Ch.7)
 - b. comparative statics (Supplementary section on mathematics)
 - c. aggregation (Ch.9)
 - d. welfare analysis (Ch.10)
2. Monopoly Pricing
 - a. second-degree price discrimination (Ch.14)
 - b. two-part tariff (Tirole)
3. Uncertainty
 - a. expected utility function (Ch.11)
 - b. risk aversion (Ch.11)
4. Asymmetric Information
 - a. moral hazard (Ch.25)
 - b. adverse selection (Ch.25)

Cases to be discussed: (a) 奢侈稅 (b) 連鎖契約

Grading: two exams (20% and 20%), case discussion (10%)