



National Taiwan University of Science and Technology

2020 Summer Program

ECON 101 Introduction to Microeconomics

Course Outline

Term: June 01-July 03,2020

Course Code: ECON 101

Instructor: Byung-Joo Lee, Visiting Professor of Economics

Home Institution: University of Notre Dame, Notre Dame, IN 46556 U.S.A.

Office Hours: By Appointment

Email: bjleend@gmail.com

Credit: 4

Course Description

This course is an introduction of microeconomics. General economics study consists of two parts: macroeconomics and microeconomics. Microeconomics studies the behaviors of individuals, households and firms. The main concern of microeconomics is the efficient allocation of scarce resources between alternatives. Economic agents use market system to determine prices to allocate scarce resources. More specifically, we will learn how individuals behave to maximize her utility subject to the budget constraint, and firms maximize its profit, and the whole society attempts to allocate scarce resources more efficiently.

This course consists of 4 sessions of 120 minutes each per week for 5 weeks. This course is very intensive and covers course content equivalent to one regular semester three credit course in U.S. university.

By the end of the course, you should feel comfortable to use microeconomics terminology, and use graphics to analyze contemporary microeconomic issues.

Textbook:

1. Principles of Microeconomics, 7th ed., Gregory. Mankiw, CENGAGE Learning, 2015
2. Lecture slides will be provided in the class.

Grading:

There will be one midterm exam and one final exam, 40 points each. Exams test basic economic theory and its applications. Homework accounts 20 points. There is 15 extra points for attendance.



Grading scale is as following with appropriate curve:

A: 86-100% B: 71-85% C: 51-70% D: 41-50% F: Below 40%

Academic Honor Code:

The Code of Honor will be strictly applied. Honor Code pledges "I will not participate in or tolerate academic dishonesty." Students will not give or receive aid on exams. This includes, but is not limited to, viewing the exams of others, sharing answers with others, and using books or notes while taking the exam. You can collaborate to study your homework, but you have to submit your own completed homework to receive appropriate credit. Copying solutions from others, whether they are current or past, constitutes plagiarism.

Tentative Course Schedule

The course outline is tentative and I will modify accordingly depending on the pace of the class.

Week 1: Introduction

Session 1: Chapter 1: Ten principles of economics

Session 2: Chapter 3: Interdependence and gains from trade

Session 3: Chapter 4: The market forces of supply and demand

Session 4: TA Review Session

Week 2: How Markets Work

Session 5: Chapter 5: Elasticity and its application

Session 6: Chapter 6: Supply, demand and government policies

Session 7: Chapter 7: Consumers, producers and the efficient markets

Session 8: TA Review Session

Week 3: Welfare and Public Sector

Session 9: Midterm Exam

Session 10: Chapter 8: The Costs of Taxation

Session 11: Chapter 10: Externalities

Session 12: TA Review Session

Week 4: Firm Behavior and the Organization of Industry

Session 13: Chapter 13: The costs of production

Session 14: Chapter 14: Firms in competitive markets

Session 15: Chapter 15: Monopoly

Session 16: TA Review Session

Week 5: Organization of Industry

Session 17: Chapter 16: Monopolistic competition

Session 18: Semester Review

Session 19: Final Exam