



National Taiwan University of Science and Technology

2020 Summer Program

ECON 102 Principles of Macroeconomics

Course Outline

Term: June 01-July 03,2020

Course Code: ECON 102

Instructor: Byung-Joo Lee, Visiting Professor of Economics

Home Institution: University of Notre Dame

Office Hours: By Appointment

Email: bjleend@gmail.com

Credit: 4

Course Description:

This course is an introduction of macroeconomics. General economics study consists of two parts: macroeconomics and microeconomics. Microeconomics studies the behaviors of individuals, households and firms. Macroeconomics studies the aggregate behaviors of all these entities, i.e., national economy. There are several key concepts in macroeconomics: gross domestic product (GDP), inflation, unemployment rate, economic growth, business cycle, financial market and the role of exchange rate in the international market. Consistent with the idea of a "principles" of macroeconomics, we will focus on a core set of fundamental concepts to help understand a broad range of macroeconomic issues.



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 four credit course in U.S. university.

By the end of the course, you should feel comfortable reading and critiquing articles and commentary about the macroeconomic issues presented in the financial press, such as the business section of the New York Times, the Wall Street Journal and the London Financial Times.

Textbook:

1. Principles of Macroeconomics, 7th ed., Gregory. Mankiw, CENGAGE Learning, 2015
2. Lecture slides will be provided in the class.
3. Regular access to the Wall Street Journal and/or Financial Times

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 no 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 and macroeconomic data

Session 1: Chapter 1: Ten principles of economics

Session 2: Chapter 10 (23): Measuring a nation's income

Session 3: Chapter 11 (24): Measuring the cost of living

Session 4: TA Review Session

Week 2: The real economy in the long run

Session 5: Chapter 12 (25): Production and growth

Session 6: Chapter 13 (26): Saving, interest, and the financial system

Session 7: Chapter 14 (27): The Basic tools of finance

Session 8: TA Review Session

Week 3: Unemployment

Session 9: Midterm Exam

Session 10: Chapter 15 (28): Unemployment

Session 11: Chapter 16 (29): The Monetary system

Session 12: TA Review Session

Week 4: Money and prices in the long run

Session 13: Chapter 17 (30): Money growth and inflation



Session 14: Chapter 18 (31): Open-economy macroeconomics: basic concepts

Session 15: Chapter 19 (32): A Macroeconomic theory of the open economy

Session 16: TA Review Session

Week 5: The macroeconomics of open economies

Session 17: Chapter 20 (33): Aggregate demand and aggregate supply

Session 18: Semester Review

Session 19: Final Exam

