



National Taiwan University of Science and Technology

2018 Summer Program

ECON 102 Principles of Macroeconomics

Course Outline

Course Code: ECON 102

Instructor: TBA

Home Institution: TBA

Office Hours: TBA and by appointment

Email: TBA

Credit: 4

Class Hours:

According to the regulations of Minister of Education, R.O.C, 18 class hours could be counted as 1 academic credit in all universities in Taiwan. This course will have 72 class hours, including 40 lecture hours, professor 10 office hours, 10-hour TA discussion sessions, 2-hour review sessions, 10-hour extra classes.

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 is comprised of 3 sessions of 120 minutes each per week for 5 weeks. This course is very intensive and covers course content equivalent to one regular semester class in U.S. colleges.

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, 6th ed., G. Mankiw, SOUTH-WESTERN: CENGAGE Learning, 2012
2. Lecture slides.
3. Regular access to the Wall Street Journal and/or Financial Times

Grading:

There will be one midterm exam and one final exam, 40% each. Exams test basic statistical theory and empirical applications. Homework accounts for the remaining 20% for the course grade.

Attendance:

Students should attend class regularly, arrive on time and not leave early. While you are in class, show the proper respect to your instructor and to your classmates. When you must miss a class, it is your responsibility to get the class material from me or your classmates. Class attendance will be checked regularly. In the event of extended absence, students should report to instructor and/or academic dean for approval. Excessive absence may result in the course grade of "F".

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.

Course Schedule

Week 1: Introduction and macroeconomic data

Session 1: Chapter 1: Ten principles of economics

Chapter 10: Measuring national income

Session 2: Chapter 10: Measuring national income

Session 3: Chapter 11: Measuring the cost of living

Week 2: The real economy in the long run

Session 4: Chapter 12: Long-run economic growth

Session 5: Chapter 13: Saving, interest, and the financial system

Session 6: Chapter 14: The Basic tools of finance

Week 3: Money and prices in the long run

Session 7: Midterm Exam

Session 8: Chapter 15: Unemployment

Session 9: Chapter 16: The Monetary system

Week 4: The macroeconomics of open economies

Session 10: Chapter 17: Money growth and inflation

Session 11: Chapter 18: Open-economy macroeconomics: basic concepts

Session 12: Chapter 19: A Macroeconomic theory of the open economy

Week 5: Short-run economic fluctuations

Session 13: Chapter 20: Aggregate demand and aggregate supply

Session 14: Chapter 21: The Influence of monetary and fiscal policy

Session 15: Final Exam