



Shanghai Jiao Tong University

EC108 Macroeconomics

Instructor Information	Ernest Lai Home Institution: Lehigh University Email: kw1409@lehigh.edu Office Hour: Determined by Instructor		
Term	June 28, 2021 - July 29, 2021	Credits	4 units
Class Hours	Monday through Thursday, 120 mins per teaching day		
Discussion Sessions	2 hours each week, conducted by teaching assistant(s)		
Total Contact Hours	66 contact hours (1 contact hour = 45 mins, 3000 mins in total)		
Required Texts (with ISBN)	<u>For students taking Macroeconomics only:</u> N. Gregory Mankiw. 2017. <i>Principles of Macroeconomics</i> . 8th ed. South-Western College Pub. (ISBN-13: 978-1305971509)		
Prerequisite	N/A		
The course might be moved to online delivery due to COVID-19 pandemic. Students will be notified once the decision is made.			



Course Overview

Economics is a social science that studies choice behavior. Macroeconomics is a branch of economics in which the focus of the analysis is on the “macro,” i.e., big economic objects. It typically bypasses the analysis of individual decisions (which would be the topics of microeconomics) and studies directly the behaviors and interactions of aggregate economic variables, such as the GDP, economy-wide consumptions, national savings, inflation rates, and unemployment rates.

This introductory course will expose you to the fundamental concepts in macroeconomics and introduce you to the state-of-the-art understanding of what drive the economy to grow, what cause the inflation, why there is unemployment, and how government policies may influence it.

Course Goals

Upon finishing the course, you are expected to be able to:

1. Demonstrate understanding of the basic concepts in macroeconomics.
2. Demonstrate understanding of the basic mechanisms driving the movements of macroeconomic variables.
3. Demonstrate the ability to apply the basic tools of macroeconomics to analyze and understand current macroeconomic events.

Grading Policy

Problem Sets (x4)	20%
Midterm Exam	40%
Final Exam	40%

Grading Scale is as follows

Number grade	Letter grade	GPA
90-100	A	4.0
85-89	A-	3.7
80-84	B+	3.3
75-79	B	3.0
70-74	B-	2.7
67-69	C+	2.3
65-66	C	2.0
62-64	C-	1.7
60-61	D	1.0
≤59	F (Fail)	0



Due to the on-going pandemic, there is a possibility that in-person courses will move to online delivery. Students will be notified once the decision is made.

In case this in-person course is to be changed to online course, the medium of instruction will consist of asynchronous recorded lectures, supplemented with synchronous office hours and online discussion forum. The following adjustments will be made:

Lecture: Each lecture will be uploaded onto SJTU SCE online learning platform on a daily basis. Students are required to watch them according to the course schedule.

Office hours: There will be a minimum of 3 hours of synchronous, interactive office hours per week.

Online discussion forum: Students will post questions or initiate discussion in an online discussion forum. The instructor and teaching assistant will respond to questions in a timely fashion.

Exams: There will be two-open book exams, one midterm and one final.



Class Schedule

Date	Lecture	Readings
Day 1	Ten Principles of Economics	Mankiw, Chapter 1
Day 2	Independence and the Gains from Trade	Mankiw, Chapter 3
Day 3	Measuring a Nation's Income	Mankiw, Chapter 10
Day 4	Measuring a Nation's Income (Cont.d)	Mankiw, Chapter 10
Day 5	Measuring the Cost of Living	Mankiw, Chapter 11
Day 6	Production and Growth	Mankiw, Chapter 12
Day 7	Saving, Investment, and the Financial System	Mankiw, Chapter 13
Day 8	Saving, Investment, and the Financial System (Cont.d)	Mankiw, Chapter 13
Day 9	The Basic Tools of Finance	Mankiw, Chapter 14
Day 10	Midterm Exam	
Day 11	Unemployment	Mankiw, Chapter 15
Day 12	The Monetary System	Mankiw, Chapter 16
Day 13	Money Growth and Inflation	Mankiw, Chapter 17
Day 14	Open-Economy Macroeconomics: Basic Concepts	Mankiw, Chapter 18
Day 15	A Macroeconomic Theory of the Open Economy	Mankiw, Chapter 19
Day 16	Aggregate Demand and Aggregate Supply	Mankiw, Chapter 20
Day 17	The Influence of Monetary and Fiscal Policy on Aggregate Demand	Mankiw, Chapter 21
Day 18	The Short-Run Tradeoff between Inflation and Unemployment	Mankiw, Chapter 22
Day 19	Six Debates over Macroeconomic Policy	Mankiw, Chapter 23
Day 20	Final exam	