

MACROECONOMICS

In this course we will discuss some basic theories of macroeconomics and the related facts in the economy. We will cover both Keynesian and classical schools in macroeconomics. Economic reasoning will be emphasized. No mathematics beyond first-year calculus is required. Most of the time we don't need math at all. After all, basic concepts of economics are the most useful tools to explain facts in real life.

Textbooks

N. Gregory Mankiw, *Macroeconomics*, 12th edition, Worth Publishers, 2025 (中譯：
總體經濟學，東華書局，2022)

De-Xing Guan, *The Nature of Economics: Smith, Coase, and the Substitution
Structure of Production*, World Scientific, 2025

Requirements

Midterm: 40%, Final: 40%, four homework assignments: 20%

Office Hours

Tuesdays, 2:00-3:00 p.m. (Social Sciences 302); otherwise, by appointment

Web: <https://web.ntpu.edu.tw/~guan>

Course Outline (in lecturing order)

Midterm Exam: Mankiw, *Macroeconomics*, Chapters 1-3, 5, 11-13

Final Exam: Mankiw, *Macroeconomics*, Chapters 6, 14, 19