



## 教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	總體經濟分析與應用		學年/學期 Academic Year/Semester	105/1
課程名稱(英文) Course Name in English	Macroeconomic Analysis and Application			
科目代碼 Course Code	EC_50400	系級 Department & Year	碩士	開課單位 Course-Offering Department
修別 Type	必修 Required	學分數/時間 Credit(s)/Hour(s)	3.0/3.0	
授課教師 Instructor	/洪嘉瑜			
先修課程 Prerequisite				

### 課程描述 Course Description

**Course Objective:**

In this course, we will cover two main topics of macroeconomics: economic growth and business cycle. We will study the basic modern macro framework based on micro-foundation and dynamic general equilibrium setup. At the same time, we will introduce the three most-often-used solution methods. With the reading and presentation of the related literature, students will learn how the macro models are applied to analyze the real world.

**Course outline:**

- Introduction: The Topics of Macroeconomics
- Static vs. dynamic model
- Romer :
- Ch 1: The Solow Growth Model
- Ch 5: Real Business-Cycle Theory
- Ch 8: Consumption
- Ch 2: Infinite-Horizon and Overlapping-Generations Models
- Ch 3-4: New Growth Theory

### 課程目標 Course Objectives

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圖示說明 Illustration : ● 高度相關 Highly correlated ○ 中度相關 Moderately correlated

### 授課進度表 Teaching Schedule & Content

週次 Week	內容 Subject/Topics	備註 Remarks
1	No class	
2	9/12 Introduction and Static Model	
3	9/19 Ch 1 The Solow Growth Model	
4	9/26 Ch 5 Real Business-Cycle Theory (KUB3, KUM13, others )	
5	10/3 Ch 5 Real Business-Cycle Theory	
6	10/10 National Day: No class	
7	10/17 Ch 5 Real Business-Cycle Theory	
8	10/24 Ch 8 Consumption (KUB3, KUM1, KUM9)	

9	11/1 Ch 8 Consumption	
10	11/7 Ch 2 Infinite-Horizon: Ramsey Model, Neoclassical Growth Model	
11	11/14 Ch 2 Continued (W3) & Overlapping-Generations Models (?)	
12	11/21 Midterm Exam	
13	11/28 Ch 3 New Growth Theory (KR9)	
14	12/5 Ch 3 New Growth Theory	
15	12/12 Literature (1)-(2) group presentation	
16	12/19 Literature (3)-(4) group presentation	
17	12/26 Literature (5)-(6) group presentation	
18	1/9 Final Exam (Comprehensive, open book)	

### 教學策略 Teaching Strategies

- 課堂講授 Lecture
  分組討論 Group Discussion
  參觀實習 Field Trip  
 其他 Miscellaneous:

### 學期成績計算及多元評量方式 Grading & Assessments

配分項目 Items	配分比例 Percentage	多元評量方式 Assessments							其他
		測驗 會考	實作 觀察	口頭 發表	專題 研究	創作 展演	卷宗 評量	證照 檢定	
平時成績 General Performance									
期中考成績 Midterm Exam	30%	✓							
期末考成績 Final Exam	40%	✓							
作業成績 Homework and/or Assignments									
其他 Miscellaneous (Group presentation)	30%			✓					

### 評量方式補充說明

### Grading & Assessments Supplemental instructions

Grading policy:  
 Midterm exam (11/21): 30%  
 Final exam (1/9, comprehensive, open book): 40%  
 Group presentation: 30%

### 教科書與參考書目 (書名、作者、書局、代理商、說明)

### Textbook & Other References (Title, Author, Publisher, Agents, Remarks, etc.)

Textbook:  
 Romer, David (2012), Advanced Macroeconomics, 4th ed., McGraw-Hill 網路pdf  
 Reference book:  
 (W) Williamson, Steve (1999) Notes on Macroeconomic Theory, 網路pdf  
 (KR) Krueger, Dirk (2012) Macroeconomic Theory, 網路pdf  
 (KUB)(KUM) (B:Econ52, M:Econ210) Kurlat, Pablo (2013) Macro, 網路pdf  
 Ellison, Martin (2015) Real Business Cycle Theory, lecture 2, 網路pdf  
 CSUS, Real Business Cycle Theory, Ch4, 網路pdf  
 sfu.ca, Real Business Cycles, Ch5, 網路pdf

課程教材網址 (教師個人網址請列在本校內之網址)  
Teaching Aids & Teacher's Website (Personal website can be listed here.)

其他補充說明 (Supplemental instructions)

Time: (Mon) 2:10pm - 5:00pm

Place: College of Humanities and Social Sciences I, D220

Teacher: Chia-Yu Hung

Email: hungcy@mail.ndhu.edu.tw

Office: College of Humanities and Social Sciences I A412

phone: 863-5544

Office hours: (Fri) 10:00am-12:00pm