

SIMON FRASER UNIVERSITY
Department of Economics

Econ 305 – INTERMEDIATE MACROECONOMIC THEORY
Syllabus – Spring 2009

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Office Hours: Wed. 4:00 – 5:00
Fri. 3:00 – 4:00
Phone: 782-5406

COURSE OBJECTIVES AND PREREQUISITES

This course covers most of the core topics in macroeconomics, including: national income accounting, growth theory, business cycles, theories of inflation and unemployment, and the effects of monetary and fiscal policies. Both Keynesian and Classical approaches to business cycles will be discussed. The course will also discuss theories of exchange rate determination and explore the effects of international capital flows and trade imbalances.

The only prerequisites for the course are previous courses in introductory microeconomics and macroeconomics (Econ 103 and 105) and a calculus course (Econ 157 or equivalent). Although calculus will not be heavily used, much of the material is analytical in nature, and students should feel comfortable manipulating graphs and simple algebraic equations.

COURSE STRUCTURE

Roughly speaking, the course is divided into three main parts. The first part focuses on economic growth, the second part focuses on business cycles, and the third part focuses on macroeconomic policy. The hope is that the theory you learn in the first two parts will help provide better answers to the policy questions discussed in the third part.

COURSE EVALUATION

	<u>Weight in Grade</u>
Problem Sets	– 20%
Midterm exam (Friday, February 13)	– 40%
Final exam (Wednesday, April 8)	– 40%

The best way to learn macroeconomics is to do it. Therefore, an important part of this course are the section meetings and problem sets. There are two TAs for the course: Zelalem Addis (zaa3@sfu.ca) and Sophie Wang (xuefeiw@sfu.ca). The problem sets are available as PDF files on the class webpage (at www.sfu.ca/~kkasa/).

COURSE MATERIALS

There is one required book for this course: *Macroeconomics*, by Stephen Williamson (2nd Canadian Edition, 2007) published by Addison-Wesley. There are also a few journal articles and supplementary notes that will be available for download on the course webpage.

The text is available at the campus bookstore and on reserve at the library.

COURSE OUTLINE AND READINGS

I. BACKGROUND AND OVERVIEW

- Jan. 7 – **Introduction and Overview**
Williamson, Chapter 1
- Jan. 9 – **National Income Accounting**
Williamson, Chapter 2

II. A STATIC (ONE-PERIOD) MODEL OF THE ECONOMY

- Jan. 14 – **Labor Supply**
Williamson, Chapter 4 (pgs. 81-103)
Prescott (2004), “Why Do Americans Work So Much More Than Europeans?” (webpage)
- Jan. 16 – **Labor Demand**
Williamson, Chapter 4 (pgs. 103-115)
- Jan. 21 – **Competitive Equilibrium and Comparative Statics**
Williamson, Chapter 5

III. ECONOMIC GROWTH

- Jan. 23 – **Growth Facts and the Malthusian Model**
Williamson, Chapter 6 (pgs. 149-166)
- Jan. 28 – **The Solow Growth Model**
Williamson, Chapter 6 (pgs. 166-187)
- Jan. 30 – **Extensions of the Solow Growth Model**
Class Notes
Problem Set 1 due in class
- Feb. 4 – **Endogenous Growth**
Williamson, Chapter 7

IV. A DYNAMIC (TWO-PERIOD) MODEL OF THE ECONOMY

- Feb. 6 – **Consumption and Saving**
Williamson, Chapter 8
- Feb. 11 – **Investment**
Williamson, Chapter 9
Problem Set 2 due in class
- Feb. 13 – **Midterm Exam (Closed Book)**

V. MONEY AND BUSINESS CYCLES

- Feb. 18 – **Money and Inflation**
Williamson, Chapter 10
- Feb. 20 – **Measuring Business Cycles**
Williamson, Chapter 3
- Feb. 25 – **Market-Clearing Business Cycle Models**
Williamson, Chapter 11
- Feb. 27 – **Keynesian Business Cycle Models**
Williamson, Chapter 12

VI. OPEN-ECONOMY MACROECONOMICS

- March 4 – **International Trade and Capital Flows**
Williamson, Chapter 13
- March 6 – **Money and Exchange Rates with Flexible Prices**
Williamson, Chapter 14 (pgs. 444-469)
- March 11 – **IS-LM in Open Economies: The Mundell-Fleming Model**
Williamson, Chapter 14 (pgs. 469-479)

VII. FINANCIAL MARKETS, UNEMPLOYMENT, AND MACROECONOMIC POLICY

- March 13 – **Money and Financial Intermediation**
Williamson, Chapter 15
Problem Set 3 due in class
- March 18 – **Discussion of the Recent Financial Crisis**
Class Notes
- March 20 – **Search and Unemployment**
Williamson, Chapter 16
- March 25 – **The Phillips Curve**
Williamson, Chapter 17
- March 27 – **Monetary Policy**
Friedman (1968), “The Role of Monetary Policy” (webpage)
- April 1 – **Rules vs. Discretion**
Class Notes
- April 3 – **Review**
Problem Set 4 due in class
- April 8 – **FINAL EXAM (Closed Book)**