

**ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS**  
**DEPARTMENT OF ECONOMICS**  
**MSc PROGRAM IN ECONOMICS**  
**MACROECONOMICS II**

**Spring Semester 2017-8**

**Professor Tryphon Kollintzas**

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Teaching hours : Monday, 3:00-6:00 pm

Classroom : Evelpidon 601

Office hours : Tuesday, 3:00-7:00 pm  
and by appointment

**Course Description**

This is the second part of the compulsory graduate level course in Macroeconomics. The course offers an introduction to modern dynamic macroeconomics, using the stochastic dynamic general equilibrium (SDGE) methodology. The material covered includes the deterministic and stochastic neoclassical growth model, the real business cycle model, the new-keynesian model and the Diamond – Mortensen – Pissarides search model. These models are used, in turn, to study public finance, monetary policy and financial intermediation issues. The course concludes with an introduction to endogenous growth theory and the study of the role of institutions in economic growth.

**Teaching Method**

A series of lectures, typically, once a week, is the basic teaching method. Problem sets will be handed out in class. There will also be a TA session, where students can get help with the problem sets.

**Evaluation Method**

There will be a one-hour midterm and a two-hour final examination, based on the exercises handed out in class. The midterm and the final contribute 1/3 and 2/3 of the course grade, respectively.

## Curriculum

Week	Subject	Readings
1&2	The Neoclassical Growth Model in: (a) Discrete Time, (b) Continuous Time, and (c) Overlapping Generations	Notes I-III Alogoskoufis, Chs 3&4, Appendix 3 Acemoglu, Ch.7-9
3&4	The Real Business Cycle Model and the Methodology of Stochastic Dynamic General Equilibrium (DSGE) Models	Notes IV Alogoskoufis, Ch. 11
5	The New Keynesian DSGE Model	Notes V Alogoskoufis, Chs 12-14
6	Midterm Exam The Diamond-Mortensen-Pissarides Search Model	Notes VI Alogoskoufis, Ch 15
7	Fiscal Policy	Notes VII Walsh, Ch. 4
8	Monetary Policy -	Notes VIII Walsh, Chs 8-10
9	Credit & Financial Intermediation	Notes IX Walsh, Ch.7
10-13	Endogenous Growth	Notes X-XIII Alogoskoufis, Ch 7 Acemoglu, Chs 10-12
-	Final Exam	

### Textbooks:

[1] Acemoglu, Daron (2009), Introduction to Modern Economic Growth, Princeton NJ, Princeton University Press.

[2] Alogoskoufis, George (2017), Dynamic Macroeconomic Theory, <https://dynamicmacroeconomictheory.net>

[3] Walsh, Carl, E. (2003), Monetary Theory and Policy, Cambridge, Ma, The MIT Press.

Papers: See Notes