

Course Syllabus

1. Course code...EE.412..... Course Title...Macroeconomic..Analysis.....

2. Semester/Academic Year2/2017.....

Date & Time: ...Wednesday..and..Friday,..9.30 - 11.00..AM.....

Class room:Room..203...Tha-Prachan..Campus.....

3. Instructors:

3.1 Instructor's Name.....Prof..Arayah..Preechametta,..Ph.D.....

3.2 Office.....Room..13..Faculty..of..Economics.....

3.3 Office Hours.....Wednesday....11.00 – 13.30.....

3.4 Contact Information.....E-mail: ...ayah@econ.tu.ac.th.....

4. Course Descriptions (and Prerequisite)

The course is designed for undergraduate students who are ready to study advanced macroeconomic analysis. Topics include dynamic macroeconomic analysis, asset price theory, economic growth and related policy issues.

Prerequisite: EE 312 and EE 320 (or EE 421)

5. Course Objectives

To strengthen students' analytical skills in economics....

6. Teaching Materials and Resources

6.1 Required textbooks and readings

Sargent, Thomas J., *Dynamic Macroeconomic Theory*, Harvard University Press, Cambridge, 1987.

Mankiw, Gregory, N., *Macroeconomics*, Worth Publishers, New York, 2006.

Romer, David, *Advanced Macroeconomics*, McGraw-Hill, Singapore, 2000.

6.2 Recommend readings

Blanchard, Olivier, J. and Stanley Fischer, *Lectures on Macroeconomics*,
.....(Fourth Printing) the MIT Press, Cambridge, 1990.

7. Teaching Plans

Week/Session	Date	Topics	Instructor
1/1	10/01/2018	Introduction: - Static analysis - Dynamic analysis	Arayah
1/2 – 2/2	12/01/2018- 19/01/2018	Solving a dynamic problem - Traditional method: system of simultaneous equations - Backward recursive method	Arayah
5/1 – 6/2	07/02/18- 16/02/18	Backward recursive method	Arayah
7/1 – 8/2	21/02/2018- 02/03/2018	The Bellman's equations and time consistent optimal policies	Arayah
9/1 – 10/1	07/03/2018- 14/03/2018	Applications: Optimal consumption	Arayah
10/2	16/03/2018	-----Midterm-----	
11/ - 11/2	21/03/2018- 23/03/2018	Applications: Optimal growth	Arayah
12/1 – 12/2	28/03/2018- 30/03/2018	Asset Price: Hall's random walk of theory of consumption	Arayah
13/1	04/04/2018	The random walk theory of stock prices	Arayah
14/1	11/04/2018	The random walk theory of stock prices	Arayah
15/1 – 17/2	18/04/2018- 04/05/2018	Applications: - The term structure of interest rate, contingent claims, - The value of a firm - Government debt: the Ricardian Proposition	Arayah
18/1 – 18/2	09/05/2018- 11/05/2018	- Neoclassical Growth Model and the balanced growth path.	Arayah

Week/Session	Date	Topics	Instructor
19/1 – 19/2	16/05/2018- 18/05/2018	The Ramsey-Cass-Koopmans Model	Arayah
20/2	25/05/2018	-----Final Examination-----	

8. Evaluation Methods

- Homework and class participation 20%
- Midterm Examination (16/03/2018: 09.30 - 11.00 a.m.) 30%
- Final Examination (25/05/2018: 09.00 a.m. - 12.00 noon) 50%

9. Class policies (if any)

Class participation is highly encouraged

10. Other details

Additional reading list:

- Prescott, Edward C., (2006) “Nobel Lecture: The Transformation of
..... Macroeconomic Policy and Research” *Journal of Political
..... Economy*, 114 (2), 203-235.
- Lucas, Robert E., (1978) “Asset Prices in an Exchange Economy”
..... *Econometrica*, 46(6): 1426-1445.
- Lucas, Robert E., (1988), “On the Mechanics of Economic
..... Development” *Journal of Monetary Economics*.