



## Course Syllabus

### **EE432 Monetary Theory and Policy**

Semester 1/2020 (August 15 – November 28, 2020)

**Number of credits:** 3 credits (3-0-6)  
**Lecture time:** Saturday, 9.00 AM – Noon  
**Lecture Venue:** Room 101, Faculty of Economics  
**Instructor:** Dr. Chamadanai Marknual  
Office hour: by appointment  
Email: [chamadanai.marknual@krungsri.com](mailto:chamadanai.marknual@krungsri.com)

**Prerequisites:** EE312

#### **Course Description:**

This course aims to provide the student with an introduction to the role of money, financial markets, financial institutions and monetary policy in the economy, thus providing a solid foundation for further study and enhance professional capability in the financial services industry.

This course will investigate the origins and role of money, theories regarding the supply of and demand for money and the relationship between money, credit and debt will also be emphasized. The course will then study the role of financial markets in the economy with a particular emphasis on bond markets and interest rate determination. Besides, this course will further analyze the evolving roles of central banks and their views regarding the execution monetary policy; including recent and historical international policy actions, the transmission of that policy in the economy, and the impact of monetary policy on economic growth and inflation. It will also cover the formulation of unconventional monetary policy, so called

quantitative easing, when interest rates approach the zero lower bound. Another area of study in this course is the consideration of modern monetary theories, particularly, in the context of real business cycle model and the New Keynesian model.

### **Course Objectives:**

1. To develop knowledge and analytic skill to anticipate the central bank's monetary policy reaction on different economic situations.
2. To enhance capability to make a preliminary analysis of novel monetary policy execution together with its associated impacts and determine the appropriate choice of monetary stance.
3. To encourage students to take an active learning approach by reading lecture notes and participating individual assignment, in-class discussion and peer-to-peer learning.

### **Course Evaluation**

The course will be assessed by pre-class reading, after-class quiz assignment, individual report assignment, mid-term examination and final examination. The pre-class reading will be given prior to the beginning of lectures. By doing so, students are responsible for knowing any relevant materials and having some clue about what is going to be discussed in class. Such pre-class reading and after-class quiz assignments will essentially be grading student learning performance. Students are not expected to miss any assignments. Therefore, any absences or overdue submission will be counted as a missed quiz or assignment. All homework pre-class reading and after-class quiz assignments will be accessed using a web-based platform provided by Mc-Graw Hill Connect <https://connect.mheducation.com>, which linked to our BE-moodle. The assessment criteria are detailed as follow.

1. Individual pre-class reading 10%  
*10 times throughout semester as details shown in the class schedule below*
2. Individual after-class quiz assignments (multiple choices) 10%  
*Choose the top-two of these 4, each worth 5%.*
  - *Quiz assignment 1 (covering chapter 11, 12, 14): due 26 September*
  - *Quiz assignment 2 (covering chapter 17, 18, 19): due 26 November*
  - *Quiz assignment 3 (covering chapter 20 & 21): during 14-26 November*
  - *Quiz assignment 4 (covering chapter 22 & 23): during 14-26 November*

3. Individual report assignment 10%  
*Submission due date: 30 November*
4. Mid-term Examination 30%
5. Final Examination 40%

## **Readings**

EE432 is textbook-based. Students are required to read all lecture notes and should have access to this online textbook. The primary text book will be:

Cecchetti, Stephen and Schoenholtz, Kermit. (2017) **Money, banking, and financial markets**. McGraw-Hill.

## **Expected Learning Outcomes:**

### **1. Morality and Ethics**

<b>Applicability</b>	<b>Expected Learning Outcomes</b>
●	1.1 Students demonstrate integrity.
●	1.2 Students prioritize social and public benefits over personal ones.
●	1.3 Students are punctual and comply with the code of conduct of the institution and society at large.
●	1.4 Students are responsible and accountable to society, the nation, and the subject of economics.
○	1.5 Students realize the cultural and environmental value of the sustainable society.

### **2. Knowledge**

<b>Applicability</b>	<b>Expected Learning Outcomes</b>
●	2.1 Students know and understand modern economics principles and theories, and are up to date with new developments.
●	2.2 Students know and understand Thai and global economic structure, and the importance of major international economic events.
○	2.3 Students know and understand instruments of economic analysis.

<b>Applicability</b>	<b>Expected Learning Outcomes</b>
●	2.4 Students know and understand applied fields in economics, including monetary, public, international, business, natural resource and environmental, industrial, agricultural, cooperative, political, developmental, and entrepreneurial economics as well as agribusiness.
○	2.5 Students are informed about related fields including sociology, business administration, education, law policy, and science.

### **3. Intellectual Development**

<b>Applicability</b>	<b>Expected Learning Outcomes</b>
●	3.1 Students have developed individual critical thinking.
●	3.2 Students are sufficiently trained in research skills.
●	3.3 Students demonstrate an ability to analyze and synthesize data, as well as appropriately integrate economics concepts to understand causes of current economic problems in Thailand. Based on analysis and synthesis, students demonstrate an ability to propose policy guidelines to resolve problems.

### **4. Interpersonal Skills and Responsibilities**

<b>Applicability</b>	<b>Expected Learning Outcomes</b>
●	4.1 Students are responsible for assigned tasks and work in groups effectively.
●	4.2 Students have problem-solving skills.
○	4.3 Students show leadership skills and team spirit.
●	4.4 Students are always improving themselves.
○	4.5 Students have good interpersonal skills, adapting and working under different conditions.

## 5. Quantitative Analysis, Communication and Information Technology

Applicability	Expected Learning Outcomes
○	5.1 Students select and apply appropriate statistical and mathematical methods for data processing, interpretation, conclusions, and recommendations to resolve problems.
○	5.2 Students communicate effectively and select appropriate presentation methods.
○	5.3 Students use information and communication technologies appropriately to gather data as well as process, interpret, and present results.

### Attendance at Lectures

Lectures provide opportunities to better understanding of materials in the course. So that *attendance and active participation in lectures is required and monitored.*

### Class Schedule

Week	Topic	Date
1.	Financial instruments, financial markets, and financial institutions (Cecchetti & Schoenholtz Textbook Chapter 3)	15 Aug 2020
2.	Understanding risk (Cecchetti & Schoenholtz Textbook Chapter 5) # Pre-class reading 1 for Chapter 5, worth 1%	22 Aug 2020
3.	The risk and term structure of interest rates (Cecchetti & Schoenholtz Textbook Chapter 7) # Pre-class reading 2 for Chapter 7, worth 1%	29 Aug 2020
4.	The economics of financial intermediation (Cecchetti & Schoenholtz Textbook Chapter 11) # Pre-class reading 3 for Chapter 11, worth 1%	5 Sep 2020
5.	Depository institutions: banks and bank management (Cecchetti & Schoenholtz Textbook Chapter 12) # Pre-class reading 4 for Chapter 12, worth 1%	12 Sep 2020
6.	Regulating the financial system (Cecchetti & Schoenholtz Textbook Chapter 14) # Pre-class reading 5 for Chapter 14, worth 1%	19 Sep 2020 (on-line)

Week	Topic	Date
7.	Central banks in the world today (Cecchetti & Schoenholtz Textbook Chapter 15) <u>&amp; Mid-semester Exam Revision</u>	26 Sep 2020
	<b>Mid-term examination</b>	3 October 2020 9-11 AM
8.	The central bank balance sheet and the money supply process (Cecchetti & Schoenholtz Textbook Chapter 17)	10 Oct 2020
9.	Monetary policy: stabilizing the domestic economy (Cecchetti & Schoenholtz Textbook Chapter 18) <i># Pre-class reading 6 for Chapter 18, worth 1%,</i>	17 Oct 2020
10.	Exchange rate policy (Cecchetti & Schoenholtz Textbook Chapter 19) <i># Pre-class reading 7 for Chapter 19, worth 1%</i>	Tue 27 Oct 2020 5-8 PM (Mark-up class for Graduation Ceremony Rehearsal Dated 24 Oct)
11.	Money growth and money demand (Cecchetti & Schoenholtz Textbook Chapter 20) <i># Pre-class reading 8 for Chapter 20, worth 1%</i>	7 Nov 2020
12.	Output, inflation, and monetary policy (Cecchetti & Schoenholtz Textbook Chapter 21) <i># Pre-class reading 9 for Chapter 21, worth 1%</i>	Thu 12 Nov 2020 5-8 PM (Mark-up class for Graduation Ceremony Dated 31 Oct)
13.	Understanding business cycle fluctuations (Cecchetti & Schoenholtz Textbook Chapter 22) <i># Pre-class reading 10 for Chapter 22, worth 1%</i>	14 Nov 2020
14.	Modern monetary policy and the challenges (Cecchetti & Schoenholtz Textbook Chapter 23)	21 Nov 2020
15.	Special topic: New Keynesian monetary economics & <u>Final Exam Revision</u>	28 Nov 2020
	<b>Final examination</b>	4 December 2020 1.30 PM – 4.30 PM

Note: Due date for pre-class reading 6-10 are now extended to 26 November 2020

-----