

# The Hong Kong University of Science and Technology

## ECON 2123 – Macroeconomics (3 units)

### Fall 2024, L3-6, Course Syllabus<sup>i</sup>

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<b>Office Hours:</b>	By appointment		by appointment

#### Course Description

This is a common core course for HKUST business school students. In this introductory course to macroeconomic theory and policy analysis, we will introduce the ways economists look at economy from an “aggregate” perspective. We will start by introducing key macro variables that measure aggregate economic performance. The relationship among these key variables will then be studied under three timeframes: the short run, the medium run, and the long run.

In the short run, we will analyze the goods and financial markets, which form the foundation of the **IS-LM** model. A closed economy will be examined first, followed by an open economy in the short run. We will then move on to the labor market and put all three markets together to derive the **AS-AD** model in the medium run. Lastly, if time permits, we will further examine key aspects of **economic growth** in the long run. Altogether, the theoretical framework presented in this course will enable you to predict and analyze the impacts of government fiscal and monetary policies on the economy. The basic teaching materials closely follow the textbook and lecture notes.

I will use real world examples as much as possible to enhance your understanding of the course materials. We always hear news and commentaries regarding economic growth, unemployment, inflation, interest rate, national debt, and financial crisis, etc. Upon completion of this course, you should be able to understand some of these views and concerns, and to perform your own analysis in your daily life.

#### Intended Learning Outcomes (ILOs)

By the end of this course, students should be able to:

1. Identify important macroeconomic variables and understand their relationships. (SILO #3)
2. Gather and organize relevant macroeconomic information for a given context. (SILO #1)
3. Apply tools learnt in class to analyze historical and current macroeconomic events. (SILO #3)
4. Understand the operation of open economy and exchange rate related topics. (SILO #4)
5. Discuss the consequences of a macroeconomic or policy shock. (SILO #3)
6. Develop appreciation for macroeconomics and a desire to continue further study. (SILO #4)

Visit <http://www.bm.ust.hk/sbmlern/eng/thirdcat.php?sid=5&thirdid=3> for details of SILOs.

#### Course Format and Teaching Approach

This course is delivered through lectures and tutorials. Students attend two 80-minute lectures per week. Personal Response System (PRS) will be used during lectures to encourage class

participation and exchange of ideas. Tutorial classes will be arranged as needed on a weekly basis starting mid-September. We will review the lecture materials, work on selected exercises, and discuss homework problems before and after submission. Topics will be announced in advance on CANVAS Course Website. Please note that lectures and tutorials are not “substitutes” but “complements” to each other. Do attend both lectures and tutorials for your own benefit.

### Use of Personal Response System (PRS)

PRS will be used during lectures starting from Lecture 2. Please download iPRS mobile app by visiting <https://itsc.ust.hk/services/academic-teaching-support/teaching-tools/prs/iprs>. The use of PRS is to encourage classroom participation, discussion, and exchange of ideas among students. Questions will be asked during lectures and the PRS allows you to respond in real time. A summary of answers will be shown and shared. I will discuss your answers with you. Active participation has proven to enhance students’ understanding of course materials tremendously. Bonus points can be awarded to students with excellent participation records at the end of the term.

### Require Textbook

Macroeconomics, Global Edition, written by Olivier Blanchard (and David R. Johnson), published by Pearson Education Inc.

Please note that the newest edition book is available at the university bookstore, but the 6<sup>th</sup> edition (or older) is preferred for our class. For students who are unable to find the 6<sup>th</sup> edition, corresponding chapters and supplementary readings will be posted on the CANVAS website.

### Assessment and Grading

This course will be assessed using criterion-referencing. Detailed rubrics are provided below, outlining the criteria used for evaluation. Your overall score for the course will be computed based on **the best outcome** from the following two weighting schemes.

	Scheme 1	Scheme 2
4 Problem Sets @ 2% each	8%	
Mini project presentation	8%	
Mini project evaluation	4% = 8 × ½ per project	
Quizzes (best 5 @ 2% each)	10%	
Midterm Exam	25%	0%
Final Exam (cumulative)	45%	70%

### Problem sets

There will be 4 problem sets to be submitted via the CANVAS website. NO hard copies, faxes, or emails will be accepted. Any late submission will result in ZERO mark, regardless of the reason. Please plan to avoid last-minute submission.

Problem sets will be graded based on **effort shown and legibility**. Suggested answers with detailed explanations will be posted on the CANVAS website after the deadline. If you have any questions about the problem sets, please seek help from the TA.

### Mini project

Please refer to separate project handouts (canvas website) for a list of suggested topics. There are 3 slots available per project, per section. You must sign up, work together as a team, and contribute equally. Instructions for online sign-up via CANVAS -> People will be provided during our first lecture. You **MUST sign up under your registered section** and **NO switching/changing will be allowed after the add/drop period (Sep. 14)**.

The outcome of the project will be in the form of an 8-10 min in-class presentation, followed by a 2-5 min Q&A. The presentation typically consists of 70% facts and 30% of your own views and opinions on the economic issue addressed. There are no right-or-wrong answers: You will be evaluated by efforts shown as well as the logic of your arguments. However, please note that **this is an economic class – any kind of political preaching is prohibited**.

**\*\*\*The instructor has the right to terminate any presentation deemed inappropriate and irrelevant to the topic, while ALL team members will get zero score for the project. \*\*\***

The presentation schedule will be updated on the course website as we go. To receive credits, each group MUST submit your presentation slides with a title page clearly showing the official names & student IDs of all members by 10pm the night prior to the scheduled presentation. Free riders will be penalized. I will downgrade your project score to 4% or 0 if complaints are brought to me from your teammates, depending on the severity of the problem.

### Evaluation of project presentations

An evaluation survey for project presentations is available on CANVAS website for students to fill out during or after each talk. You will earn ½ point for each presentation that you evaluate, up to a maximum of 4 points. That is, each student is expected to listen carefully and think critically for at least 8 mini-project presentations to receive full credits under this category.

### Quizzes (online via canvas)

Quizzes are used to gauge how well you grasp lecture materials so I can adjust my teaching pace accordingly. A typical quiz will last 10~15 minutes with a few multiple-choice and/or short-answer questions. Sample practice questions are available on the course website to help you with the preparation. I will announce the time slot when you can take a quiz at least 1 day in advance. The quiz will not be available at any other time, and **NO make-up** for whatever reasons. The best 5 quiz scores will be counted toward your overall grade.

**Collaboration or discussion while taking a quiz is prohibited**. Books, notes, and cheat sheets are allowed. However, I strongly urge you to treat quizzes as closed-book tests (i.e., prepare well beforehand) for your own benefit of learning.

### Mid-term Exam (onsite and proctored)

The **mid-term exam is scheduled for Thursday Oct. 17 from 7:30~8:30pm onsite at HKUST**. I will give you more information regarding the venue and coverage. There will be **no make-up** for the mid-term exam. If you miss it for whatever reason, the weight will be shifted to your final exam.

### Final Exam (onsite and proctored)

The final exam is CUMULATIVE. ARRO will arrange the date and time. I will NOT allow early exams. If you intend to travel at the end of the semester, please make your travel plans to avoid any potential schedule clash. Request for a change of final examination date will NOT be accommodated. Please plan your travel accordingly.

The final exam will contain multiple-choice, short-answer, and quantitative (long) questions that require detailed explanations in words, graphs, and algebraic calculations. I will offer more guidance on the preparation of the final exam toward the end of the semester.

### Absence

You do NOT need to seek approval for absence from quizzes and mid-term exam, as there will be no makeups. However, if for any reason, you are unable to attend the final exam, you **MUST seek approval** of absence BEFORE the exam. Your request should be supported by valid documents, such as a medical certificate issued by a registered medical practitioner. Note that outside activities or more than one exam on the same day are not acceptable excuses. Absence from the final exam without prior approval of absence would result in ZERO score.

For students who are absent from the final exam with prior approval, a make-up exam will be arranged. The make-up exam will be scheduled as soon as possible and should be within one week of the original exam date. It is your responsibility to ensure your availability. The instructor has the final discretion on all arrangements regarding the make-up final exam. Students who request the make-up final exam should comply with all requirements as communicated by the instructor, TA, and/or department EO. Failing to meet any requirement may result in a ZERO score.

### Grading disputes

Please check your grades as soon as they are released. Any disagreement should be reported to the TA **within one week** of the grade release date. Late complaints will NOT be accommodated.

In the event of a successful appeal, not just the discrepancy part but the entire paper will be reassessed for the whole class. The reassessment may result in a grade higher or lower than the one previously given.

### **Mapping of Course ILOs to Assessment Tasks**

<b>Teaching &amp; Learning Activities</b>	<b>Roles in the Course</b>	<b>SILO Addressed</b>
Lectures	Explain key concepts and their applications; Cases and examples to build students' critical and analytical ability.	1,2,3,4

In-class Q&A through IPRS and mini-projects	Encourage class participation, critical thinking, independent research, and discussion.	1,2,3,4
Tutorials and problem sets	Review with further illustration on important topics, problem-solving, encourage discussion and participation.	1,2,3,4
Problem Sets, quizzes, and exams	Enhance understanding of course materials and their applications through practice.	1,2,3,4

### Final Grade Descriptors

Grades	Short Description	Elaboration on subject grading description
A	Excellent Performance	Demonstrates a comprehensive grasp of subject matter, expertise in problem-solving, and significant creativity in thinking. Exhibits a high capacity for scholarship and collaboration, going beyond core requirements to achieve learning goals.
B	Good Performance	Shows good knowledge and understanding of the main subject matter, competence in problem-solving, and the ability to analyze and evaluate issues. Displays high motivation to learn and the ability to work effectively with others.
C	Satisfactory Performance	Possesses adequate knowledge of core subject matter, competence in dealing with familiar problems, and some capacity for analysis and critical thinking. Shows persistence and effort to achieve broadly defined learning goals.
D	Marginal Pass	Has threshold knowledge of core subject matter, potential to achieve key professional skills, and the ability to make basic judgments. Benefits from the course and has the potential to develop in the discipline.
F	Fail	Demonstrates insufficient understanding of the subject matter and lacks the necessary problem-solving skills. Shows limited ability to think critically or analytically and exhibits minimal effort towards achieving learning goals.

## Course AI Policy

You are prohibited from using generative artificial intelligence (AI) to produce any materials or content related to the assessment task.

## Communication and Feedback

Assessment marks for individual assessed tasks will be communicated via Canvas within two weeks of submission. Students who have further questions about the feedback, including marks, should consult the instructor and/or TA within five working days after the feedback is received.

## How to Get Help

Emails are quick and straightforward ways to communicate nowadays. Most messages will be answered within hours. Please address BOTH your TA and instructor in all your email inquiries for quicker response. You are also welcome to make appointments with any of us. If you encounter any problems or feel under pressure, I urge you in the strongest possible terms, to get help immediately. We would be happy to talk with you and help you find appropriate solutions.

Please note the following guidelines for efficient communication with your TA and the instructor.

1. If you have questions regarding course organization such as materials covered & to be covered, quiz dates, assessment schemes, etc., please check CANVAS website and course syllabus first.
2. Before contacting your TA or instructor, please make sure that you have a) read the textbook and lecture notes, b) discussed with your classmates, and c) put sufficient effort to find the answers by yourself.
3. Try to ask questions before, during, and after lectures and tutorials. It is best to discuss topics right after they are taught. Please do not hesitate to raise your hands.
4. Please DO NOT draft long emails with many questions. It is much more efficient to come and talk to instructor/TA directly.
5. Please discuss your questions with classmates and friends first. Argue and debate with them, persuade them, find flaws in their (or your own) arguments, and figure out the best way to deliver your ideas and thoughts. This practice will help you not only in this course, but also in your future job-hunting process.

## Classroom Etiquette

You are expected to be punctual in both lectures and tutorials. Please respect others and do not disturb others with side conversations, Internet surfing, email checking, or instant messaging during class time. If you have any questions, please raise your hand, NO CHATTER. Please visit the university website for general guidelines on proper classroom behavior.

## Continuous Teaching Evaluation

Student feedback is essential for course improvement. I encourage continuous teaching evaluation. At any time during the semester, you may verbally or anonymously give me your feedback about

my teaching. This evaluation can include 1) things that you like; 2) things that you dislike; and 3) suggestions for improvement. I will take all comments seriously and confidentially.

### **Academic Integrity**

Students are expected to adhere to the university's academic integrity policy. Students are expected to uphold HKUST's Academic Honor Code and to maintain the highest standards of academic integrity. The University has zero tolerance of academic misconduct. Please refer to [Academic Integrity | HKUST – Academic Registry](#) for the University's definition of plagiarism and ways to avoid cheating and plagiarism.

It is your responsibility to understand the Academic Honor Code and all contents on the Academic Integrity website. The Code will be STRICTLY enforced. I will report any cases to the University WITHOUT EXCEPTIONS. Cheating will result in an automatic "F" for the course.

### **Tentative Schedule**

Part 1: Introduction to macroeconomics	Ch1-2
Part 2: The short run closed economy (IS-LM model)	Ch3 Problem set 1 Ch4-5 (6 <sup>th</sup> edition) Problem set 2
Part 3: The short run open economy (IS-LM-UIP model)	Ch18-20 (6 <sup>th</sup> edition) Problem set 3
Part 4: The medium run (AS-AD model)	Ch6-7 (6 <sup>th</sup> edition) Problem set 4
<del>Part 5 (optional): The long run (Growth model)</del>	
	<u><a href="#">Final Exam</a></u>

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<sup>i</sup> The instructor reserves the right to final interpretation of the course syllabus and the right to amend the syllabus, if necessary.