

Hong Kong University of Science & Technology, Division of Social Science
SOSC 1440 Introduction to Economics (3 credits) Fall 2024
Tue/Thu 10:30-11:50, LTG

Instructor: Carsten A. HOLZ

Office hour (during the teaching period): Tue 12:20-13:20, Room 2368

Contact: socholz@ust.hk . Include “SOSC 1440” in the subject line.

Teaching assistant (TA): *To be announced*

Office hour: *Day/time, Rm ?*

Contact: *email* Include “SOSC 1440” in the subject line.

*Please read this syllabus before contacting the instructor or the teaching assistant.
If you want to contact both, instructor and TA, please email one of us and cc to the other.*

We use Canvas: Announcements, Assignments, Files, Syllabus, and Pages

We use powerpoint slides, the visualizer (for handwritten notes), and occasionally the whiteboard.

There are no restrictions on the use of generative Artificial Intelligence (except for the exams).

Course description

This course introduces the fundamental principles of economics. Since this may be the only economics course you will ever take, we soon focus on macroeconomics as that part of economics which you will likely find most useful in the future, for example when following economics discussions in the news.

We cover basic concepts of supply and demand, the definition and construction of macroeconomic variables, the determination of output, unemployment, prices, and interest rates in the long run and in the short run, and an introduction to open economy macroeconomics. In detail, the course covers:

- seven core principles of economics through which to view, analyze, and understand human behavior;
- key variables of interest to economic policy makers and citizens, namely output, inflation, and employment;
- the distinction between real and nominal data;
- determinants of economic growth in the long run, some facts of economic growth, and the implications of economic growth;
- business cycles with the determinants of output, employment, and interest rates in the short run, policy options to address recessionary or expansionary gaps, and the multiplier effect;
- the objectives and tools of macroeconomic policy;
- an introduction to the international economy with the economics of the current account and the foreign exchange market;
- current and recent economic events, including the 2008 U.S. financial crisis.

Intended learning outcomes (ILOs)

On completion of the course, students are expected to be able to:

- (1) Understand the logic of economic reasoning.
- (2) Apply basic economic analysis to explain and predict economic outcomes.
- (3) Have a deeper understanding of economic issues and events.
- (4) Be able to critically evaluate discussions of economic issues.

Textbook

Frank, Robert H., and Ben S. Bernanke (with Kate Antonovics and Ori Heffetz). *Principles of Macroeconomics* 8th Edition (2022 [or 2021 or 2020]). McGrawHill (ISBN: 9781264364756).

(1) An online copy of the textbook is available on reserve in the library: At library reserve, choose “Instructor” and enter “Holz”, or find via course name

Book title: Principles of Macroeconomics (2022 [or 2021 or 2020]), not 2019)

(2) Campus Textbook Service Point / Counter and HKUST’s Online Textbook Ordering

(3) Amazon.com typically sells the textbook in hard copy and in Ebook format, to buy or rent.

Supplementary material may be added. Textbook power point slides are available on Canvas – Files.

Requirements and grading

(1) Assignments: 24%. Typically assigned on Thursday, due the following Tuesday before class.

Each assignment counts 3% and is typically graded pass/fail. A maximum of 21 percentage points can be obtained in 7 assignments (out of approximately 9) given in weeks 1-12 of the semester. A further 3 percentage points can be obtained in the assignment given in “Week 13,” likely (exceptionally) graded with percentage points assigned according to performance.

Assignment questions typically refer to textbook end-of-chapter “Problems” (questions); a scan of *all* of these “Problems” is available in one file titled ‘Problems...’ on Canvas – Files.

Assignment answers will be discussed in class. Model answers from the textbook will be made available no later than just before the relevant exam.

Assignment answers must be submitted in Canvas. Please copy your answers into the Canvas window. Don’t worry about formatting. If the assignment question asks for a chart or table, do it for yourself and do not submit. Alternatively, less desirable, you can upload a file with (or scan of) your answers; use a standard file format (docx, pdf, jpg, png); hand-writing is OK.

You are free to collaborate with other students in pondering answers to the assignment questions, but your answers must be written up separately (must not be identical).

Late submissions are *not accepted* under any circumstances (including illness, family emergencies, technical difficulties with Canvas, or joining the course late). Any problems with Canvas are your responsibility to resolve with Canvas technical support.

(2) Mini-Assignments: 8%. 1% (pass/fail) for each mini-assignment up to a maximum of 8 mini-assignments, out of approximately 10. These are short ‘thinking’ assignments typically assigned in the first class of the week and due in the second; each mini-assignment should take no longer than 10-20 minutes. Answers will typically be discussed in class. Mini-Assignments are also handled in Canvas. The same rules apply as for ‘regular’ assignments (you may collaborate but not copy, etc.).

(3a) Two closed-book midterm exams, Thu 3 Oct. and Tue 5 Nov.; in class: not cumulative; each 20%.

(3b) Final exam, closed-book, cumulative, in the final exam week as scheduled by the university: 28%. Exam questions are mostly multiple choice questions.

Exam coverage: all material presented/discussed/covered in class, assignments, and the required readings (including supplementary readings and news items as covered in class). Bring a calculator (not programmable, not on cell phone), your student ID and writing utensils to all exams.

Class attendance is not recorded. If attendance turns out to be consistently low, attendance may become a requirement (graded, with above requirements re-weighted) and this will then be announced.

No recordings of classes will be made available.

Missing an exam implies a score of zero, with the following *exceptions*, in which cases *you have to take the initiative* to be given a (likely essay-type) make-up exam: (i) the university excuses you from taking the exam; (ii) *documented* medical emergencies, or family emergencies, approved by the instructor.

In the case of a medical emergency, a doctor’s certificate stating specifically that you were too ill to work on the day of the exam is required. (A statement that you saw the doctor is not good enough.)

In the case of an emergency situation with a close family member, objective documentary evidence is required. An email from you, or a letter from a parent, is not enough. You need to, to the greatest extent possible, document the specific family emergency and your involvement in it.

Class Schedule

The class schedule may be adjusted over time. Exam dates are final once the add/drop period has ended.

Week 1

Textbook Frank/Bernanke (FB) 1: Thinking like an Economist
FB 2 Comparative Advantage

Week 2

FB 3 Supply and Demand
FB 4 Macroeconomics: The Bird's-Eye View of the Economy

Week 3

FB 5 Measuring Economic Activity: GDP and Unemployment

Week 4

FB 6 Measuring the Price Level and Inflation
FB 7 Economic Growth, Productivity, and Living Standards

Week 5

Public holiday 1 October
First midterm exam 3 October 2024; in class; not cumulative

Week 6

FB 8 The Labor Market: Workers, Wages, and Unemployment
FB 9 Saving and Capital Formation

Week 7

continued FB 9 Saving and Capital Formation
FB 10 Money, Prices, and the Federal Reserve

Week 8

FB 11 Financial Markets and International Capital Flows

Week 9

FB 12 Short-Term Economic Fluctuations: An Introduction
FB 13 Spending and Output in the Short Run

Week 10

Second midterm exam 5 Nov. 2024; in class; covers material not covered in first midterm exam
continued FB 13 Spending and Output in the Short Run

Week 11

FB 14 Stabilizing the Economy: The Role of the Fed
FB 15 Aggregate Demand, Aggregate Supply, and Inflation

Week 12

continued FB 15 Aggregate Demand, Aggregate Supply, and Inflation
Film *Inside Job* (beginning of film in previous class)

Week 13

FB 17 Exchange Rates and the Open Economy

HKUST’s “Quality Assurance Committee” mandates inclusion in the syllabus of the following

Mapping of Course ILOs to Assessment Tasks

Assessed Task	Mapped ILOs	Explanation
Assignments / mini-assignments	ILO1, ILO2, ILO3, ILO4	This task assesses students’ ability to understand the logic of economic reasoning, to apply basic economic analysis to explain and predict economic outcomes, to have a deeper understanding of economic issues and events, and to be able to critically evaluate discussions of economic issues
Exams	ILO1, ILO2, ILO3, ILO4	<i>same as above</i>

This course will be assessed using criterion-referencing and grades will not be assigned using a curve. Detailed rubrics for each assignment are provided below, outlining the criteria used for evaluation.

Final Grade Descriptors: [aligned with university standards]

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.
C	Satisfactory Performance	Possesses adequate knowledge of core subject matter, competence in dealing with economic problems, and some capacity for analysis and critical thinking.
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. Does not meet the threshold requirements for professional practice or development in the discipline.

Communication and Feedback

Assessment marks for individual assessed tasks will typically be communicated via Canvas within one week of submission. Feedback on assignments will be given in class. Students who have further questions about their exam results will have one week after the exam results have been released to consult in the first instance with the TA and in the second instance with the instructor.

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.