Annexe A: New/Revised Course Content in OBTL+ Format

Course Overview

The sections shown on this interface are based on the templates UG OBTL+ or PG OBTL+

If you are revising/duplicating an existing course and do not see the pre-filled contents you expect in the subsequent sections e.g. Course Aims, Intended Learning Outcomes etc. please refer to Data Transformation Status for more information.

Expected Implementation in Academic Year	AY24/25
Semester/Trimester/Others (specify approx. Start/End date)	Semester 1
Course Author * Faculty proposing/revising the course	Yougesh Khatri
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Course Title	Global Financial Markets and Institutions
Course Code	BF2229
Academic Units	3
Contact Hours	39
Research Experience Components	Not Applicable

Course Requisites (if applicable)

Pre-requisites	
Co-requisites	
Pre-requisite to	
Mutually exclusive to	
Replacement course to	
Remarks (if any)	

Course Aims

The aim of this course is to understand Global Financial Markets and Institutions and the determine the forces impacting these. In particular, the course emphasises central bank policies as major drivers of capital movements and market dynamics. After reviewing the major global financial markets and key institutions, some of the core questions the course will attempt to answer are:

(1) How do central bank policies affect global financial markets (and vice versa)?

(2) What are they key economic and market indicators that can help us determine the likely direction of financial markets.

Students interested in careers in asset and wealth management, capital markets and trading, and macro/financial policy and regulation should take this course.

Course's Intended Learning Outcomes (ILOs)

Upon the successful completion of this course, you (student) would be able to:

	ILO 1	Understand the main global financial markets and institutions
	ILO 2	Explain factors and institutions that move financial markets
	ILO 3	Identify sources of macro/financial data and information (including financial platforms)
	ILO 4	Analyse macro/financial market data and information to make investment decisions

Course Content

S/N		
1	Perspectives on the Global Financial Market	- Overview of financial markets and institutions - Major global financial events - Crises and bubbles: Cause and effect
2	Central Bank Policy	- Central bank policy objective - Monetary policy under inflationary expectations - Monetary policy under deflationary expectations
3	The Federal Reserve	- The FOMC: Structure, Biases and Forecasts - Economic Indicators: Understanding and Analysing the economy
4	Other major central banks Asian central banks Monetary Authority of Singapore	- ECB, BoJ, BoE - PBOC, BI - Why manage exchange rate as monetary policy - The Impossible Trinity - The NEER

5	Market Signals and Expectations	- Money market - Inter-bank rates - TED and OIS spreads - Fixed Income and Credit market - Yield curve - Credit spreads - CDS spreads - Equity market - Market breath - Short interest - VIX - Seasonality - Market expectations - Rates and FX - Inflation - Recession and cyclical position

Reading and References (if applicable)

There is no single textbook for this course. Pre-readings and assignments for each class will be indicated during the week prior to the class.

The following are for reference:

Two highly recommended videos to watch:

1. "How the Economic Machine Works," by Ray Dalio of Bridgewater: http://www.youtube.com/watch?v=PHe0bXAIuk0]

2. "Where do we go from here?" by Andres Velasco, former Finance Minister of Chile: http://www.youtube.com/watch?v=56BGJ5wtVhk

Good economics and financial markets references:

1. "The Worldly Philosophers," by Robert Heilbroner.
2. "Reminiscences of a Stock Operator", by Edwin Lefevre.
3. "Manias, Panics, and Crashes: A History of Financial Crises", by Robert Aliber, Charles Kindleberger and Robert McCauley, 2023 (original version published in 1978).
4. "The Great Crash, 1929" by John Kenneth Galbraith (1955).

Reference Textbooks

1. "Macroeconomics," 12th Ed, by Dornbusch, Fischer and Startz
2. "Economics", 4th Ed, by Mankiw and Taylor

Other References on Crises and Bubbles

1. Claessens, Stijn and M. Ayhan Kose, Financial Crises: Explanations, Types, and Implications (January 2013). IMF Working Paper No. WP/13/28. Available at:

https://www.imf.org/en/Publications/WP/Issues/2016/12/31/Financial-Crises-Explanations-Types-and-Implications-40283

2. Brunnermeier, Markus and Isabel Schnabel, Bubbles and Central Banks: Historical Perspectives (April 2015). Available at:

https://scholar.princeton.edu/sites/default/files/markus/files/bubbles_centralbanks_historical_0.pdf

3. Emerging Market Crises:

- The Asian Financial Crisis 1997-98:
  - Lindgren et al., 1999, Financial Sector Crisis and Restructuring: Lessons from Asia, Occasional Paper 188, IMF. Available at:
    https://www.imf.org/external/pubs/ft/op/opFinsec/op188.pdf
- Russian Crisis (1998)

- Chiodo A. J. and Michael T. Owyang, 2002, Available at:

  https://files.stlouisfed.org/files/htdocs/publications/review/02/11/ChiodoOwyang.pdf
- Argentinian financial Crisis (1998-2002):
  - IMF (2003), 'Lessons from the Crisis in Argentina' Available at :

    https://www.imf.org/external/np/pdr/lessons/100803.pdf
- The Greek Debt Crisis 2010
- - Lane, Philip, The European Sovereign Debt Crisis, 2012, Journal of Economic Perspectives. Available

  at: https://www.aeaweb.org/articles?id=10.1257/jep.26.3.49

Planned Schedule

Week or Session	Topics or Themes	ILO	Readings	Delivery Mode	Activities
1	Perspectives on the Global Financial Market	1	Slides. Class discussion financial markets; historical developments; and potential bubbles and crashes.		
2	Perspectives on the Global Financial Market	1	Slides. Class discussion financial markets; historical developments; and potential bubbles and crashes.		
3	Macro and Finance Data/Information Sources	1, 2, 3,4	How to use Bloomberg and/or Refinitiv for market analysis. Other key data sources for macro/finance data.		
4	Central Bank Policy and Markets	1, 2, 3,4	Slides. Class discussion on central bank policy in developed and developing markets.		
5	E-learning week	1, 2, 3,4	To be assigned during previous week		
6	The Federal Reserve ECB, BoJ, BoE	1, 2, 3,4	Slides. Case analysis on Federal Reserve policy.		
7	The Federal Reserve ECB, BoJ, BoE	1, 2, 3,4	Slides. Case analysis on Federal Reserve policy.		
8	EM Central Banks PBOC, RBI, BI, BoT Monetary Authority of Singapore	1, 2, 3,4	Slides. Case analysis of Asian Central Banks and MAS policy and determination of interest rates and market links.		
9	EM Central Banks PBOC, RBI, BI, BoT Monetary Authority of Singapore	1, 2, 3,4	Slides. Case analysis of Asian Central Banks and MAS policy and determination of interest rates and market links.		
10	Quiz	1, 2, 3,4	Quiz. Discussion on group project topics.		

Week or Session	Topics or Themes	ILO	Readings	Delivery Mode	Activities
11	Market Signals and Expectations	1, 2, 3,4	Slides. Class discussion on key market indicators and where to find them.		
12	Market Signals and Expectations	1, 2, 3,4	Slides. Class discussion on key market indicators and where to find them.		
13	Group Project Presentation	1, 2, 3,4	Group Presentation		

Learning and Teaching Approach

Approach	How does this approach support you in achieving the learning outcomes?
Seminars	The interactive seminar sessions where there are ample opportunities for open discussion on the conceptual questions raised in the class allows you to think critically and share your ideas and concept with the class. This also allows me to get the concepts clearly through to the entire class by involving you and ensure that the targeted learning outcomes are being achieved. The seminars will also train you on how to use both Bloomberg and Refinitiv to perform analysis on the global financial market.
Individual assignment	There will be 1 individual assignment. Topics will be based on current issues in global financial markets. Students are expected to submit a report of no more than 5 pages using relevant macro/finance data and information (such platforms like Bloomberg/Refinitiv) for analyses.
Group Project	There will be 1 group project. The topic for the project will be determined by each group. The topic should be an analysis of issues related to the financial market and/or the broad economy. It should not be a company analysis or a country outlook. Each group will submit a 10-page (PPT slide) report for the group project. Students must use relevant data (such as from Bloomberg/Refinitiv) for analysis.

Assessment Structure

Assessment Components (includes both continuous and summative assessment)

No.	Component	ILO	Related PLO or Accreditation	Weightage	Team/Individual	Rubrics	Level of Understanding
1	Continuous Assessment (CA): Test/Quiz(Quiz)	1,2,3	Acquisition of Knowledge	15	Individual	Holistic	Multistructural
2	Continuous Assessment (CA): Assignment(Assignment)	2,3,4	Critical Thinking, Written Communication	30	Individual	Analytic	Multistructural
3	Continuous Assessment (CA): Project(Group Project)	2,3,4	Critical Thinking, Written Communication, Teamwork & Interpersonal Skills	30	Team	Analytic	Multistructural
4	Continuous Assessment (CA): Class Participation(Class Participation)	1, 2, 3,4	Oral Communication	15	Individual	Holistic	Multistructural
5	Continuous Assessment (CA): Presentation(Presentation of Group Project)	2,3,4	Critical Thinking, Oral Communication	10	Individual	Holistic	Multistructural

Description of Assessment Components (if applicable)

Important Notes:

1. There will be 1 individual assignment. The topic will be based on current issues in the global financial market. Students are expected to submit a report of no more than 5 pages using data and information sources (such as from platforms like Bloomberg/Refinitiv/DataStream and international financial institutions) for analyses.

2. There will be 1 group project. The topic for the project will be determined by each group. The topic should be an analysis of issues related to financial markets and/or the macro economy. It should not be a company analysis or a country outlook. Each group will submit a 10-slide PowerPoint submission for the group project.

3. Peer evaluation is required for each group. Your individual grade will can be adjusted based on the feedback of your group members in the project (see rubric below). Hence, it is important that the peer evaluation is completed and taken seriously.

Formative Feedback

Feedback will be provided for both individual assignments and group reports after they are graded. Feedback will also be provided during the group project presentations.

NTU Graduate Attributes/Competency Mapping

This course intends to develop the following graduate attributes and competencies (maximum 5 most relevant)

Attributes/Competency	Level

Course Policy

Policy (Academic Integrity)

Good academic work depends on honesty and ethical behaviour. The quality of your work as a student relies on adhering to the principles of academic integrity and to the NTU Honour Code, a set of values shared by the whole university community. Truth, Trust and Justice are at the core of NTU's shared values. As a student, it is important that you recognize your responsibilities in understanding and applying the principles of academic integrity in all the work you do at NTU. Not knowing what is involved in maintaining academic integrity does not excuse academic dishonesty. You need to actively equip yourself with strategies to avoid all forms of academic dishonesty, including plagiarism, academic fraud, collusion and cheating. If you are uncertain of the definitions of any of these terms, you should go to the academic integrity website for more information. On the use of technological tools (such as Generative AI tools), different courses / assignments have different intended learning outcomes. Students should refer to the specific assignment instructions on their use and requirements and/or consult your instructors on how you can use these tools to help your learning. Consult your instructor(s) if you need any clarification about the requirements of academic integrity in the course.

Policy (General)

You are expected to complete all assignments and project submissions on their due dates. You are expected to attend all seminars punctually.

Policy (Absenteeism)

Absence from class without a valid reason will affect your overall course grade. Valid reasons include falling sick supported by a medical certificate and participation in NTU's approved activities supported by an excuse letter from the relevant bodies.

If you miss a seminar, you must inform the course instructor via email prior to the start of the class.

Policy (Others, if applicable)

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