

**City University of Hong Kong
Course Syllabus**

**offered by College of Business
with effect from Semester A 2022/2023**

Part I Course Overview

Course Title:	Crypto Assets: Valuation, Accounting and Auditing
Course Code:	FB6875
Course Duration:	Intensive/weekly study for 3 weeks with 80 study hours (preparatory readings, assignments, projects, presentations, essays and 20-hour interactive meetings)
Credit Units:	2
Level:	P6
Medium of Instruction:	English
Medium of Assessment:	English
Prerequisites: (Course Code and Title)	Nil
Precursors: (Course Code and Title)	Nil
Equivalent Courses: (Course Code and Title)	Nil
Exclusive Courses: (Course Code and Title)	Nil

Part II Course Details

1. Abstract

This course aims to equip students, who are mainly executives or senior professionals, with the ability to conduct valuation on crypto assets and evaluate relevant tax and regulatory issues on crypto assets.

2. Course Intended Learning Outcomes (CILOs)

(CILOs state what the student is expected to be able to do at the end of the course according to a given standard of performance.)

No.	CILOs	Weighting (if applicable)	Discovery-enriched curriculum related learning outcomes (please tick where appropriate)		
			A1	A2	A3
1.	Conduct valuation on crypto assets.		✓	✓	✓
2.	Evaluate accounting and auditing issues on crypto assets.		✓	✓	✓
3.	Formulate plans for compliance and internal controls in relation to crypto assets.		✓	✓	✓
		100%			

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to self-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

3. Teaching and Learning Activities (TLAs)

(TLAs designed to facilitate students' achievement of the CILOs.)

TLA	Brief Description	CILO No.			Hours/week (if applicable)
		1	2	3	
1	Pre-class reading and assignments	✓	✓	✓	
2	Interactive meetings (seminars, workshops and expert sharing sessions)	✓	✓	✓	
3	Group and individual projects	✓	✓	✓	

4. Assessment Tasks/Activities (ATs)

(ATs are designed to assess how well the students achieve the CILOs.)

Assessment Tasks/Activities	CILO No.			Weighting	Remarks
	1	2	3		
Continuous Assessment: <u>100%</u>					
Pre-class and In-class Assignments	✓	✓	✓	50%	
Post-class Projects and Essays	✓	✓	✓	50%	
Examination: ___ (duration: _____, if applicable)					
				100%	

5. Assessment Rubrics

(Grading of student achievements is based on student performance in assessment tasks/activities with the following rubrics.)

Applicable to students admitted in Semester A 2022/23 and thereafter

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B)	Marginal (B-, C+, C)	Failure (F)
Pre-class and In-class Assignments	Integration and application of knowledge to formulate strategic plans and provide solutions.	High	Significant	Basic	Not even reaching marginal levels
Post-class Projects and Assignments	Integration and application of knowledge to formulate strategic plans and provide solutions.	High	Significant	Basic	Not even reaching marginal levels

Applicable to students admitted before Semester A 2022/23

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Fair (C+, C, C-)	Marginal (D)	Failure (F)
Pre-class and in-class assignments	Integration and application of knowledge to formulate strategic plans and provide solutions.	High	Significant	Moderate	Basic	Not even reaching marginal levels
Post-class Projects and Essays	Integration and application of knowledge to formulate strategic plans and provide solutions.	High	Significant	Moderate	Basic	Not even reaching marginal levels

Part III Other Information (more details can be provided separately in the teaching plan)

1. Keyword Syllabus

(An indication of the key topics of the course.)

- Crypto asset classification
- Blockchain technology and smart contracts
- Crypto asset valuation models
- Accounting and tax treatments on crypto assets
- Auditing, compliance and internal controls of crypto assets

2. Reading List

2.1 Compulsory Readings

(Compulsory readings can include books, book chapters, or journal/magazine articles. There are also collections of e-books, e-journals available from the CityU Library.)

2.2 Additional Readings

(Additional references for students to learn to expand their knowledge about the subject.)

- Ante, Lennart (2020) “Smart Contracts on the Blockchain – A Bibliometric Analysis and Review,” Blockchain Research Lab, Hamburg.
- Ciupa Katarzyna (2019) “Cryptocurrencies: Opportunities, risks and Challenges for anti-corruption compliance systems.” OECD Global Anti-corruption Forum.
- EFRAG (2020) Accounting for Cryptoassets (liabilities): Holder and Issuer perspective. European Financial Reporting Advisory Group (EFRAG).
- Dutta, S.K. (2020), "Bibliography", The Definitive Guide to Blockchain for Accounting and Business: Understanding the Revolutionary Technology, Emerald Publishing Limited, Bingley, pp. 287-290.
- Josias Dewey (2019) Blockchain & Cryptocurrency Regulation. Global Legal Insights.
- Nishani Edirisinghe Vincent; Anne M. Wilkins (2020) “Challenges when Auditing Cryptocurrencies,” Current Issues in Auditing (2020) 14 (1): A46–A58.
- Stephen H. Fuller, Ariel Markelevich (2019) “Should accountants care about blockchain?” The Journal of Corporate Accounting and Finance.
- Smith, S.S. (2021), "Crypto Accounting Valuation, Reporting, and Disclosure", Baker, H.K., Nikbakht, E. and Smith, S.S. (Ed.) The Emerald Handbook of Blockchain for Business, Emerald Publishing Limited, Bingley, pp. 341-357.
- Wong, Rex (2018) Token Economy: A Practical Guide to Blockchain Technology and ICO in Asia. Wolters Kluwer.