

Subject Description Form

Subject Code	COMP5569
Subject Title	Fintech Regulation and Compliance
Credit Value	3
Level	5
Pre-requisite/ Co-requisite/ Exclusion	Nil
Objectives	<p>The objectives of this subject are to:</p> <ol style="list-style-type: none"> 1. enable the students to understand the fundamentals of technology and IT risk 2. introduce fintech compliances and regulatory practices 3. enable the students to learn about the elements of anti-money-laundry (AML) and regulatory technology (Regtech) 4. enable the students to adopt various technologies for compliances and regulatory practices
Intended Learning Outcomes <i>(Note 1)</i>	<p>Upon completion of the subject, students will be able to:</p> <ol style="list-style-type: none"> a) acquire a thorough understanding of technology risk as related to fintech industries (startup, insurances, virtual and conventional banks); b) understand the various aspect of Regtech in Hong Kong SAR, nearby regions, and world practice; c) develop a corporate fintech compliance management system (CMS); d) conduct the planning and implementation for auditing fintech compliance exercise including, but not limited to AML; e) apply managerial methods and technologies to achieve the goal of fintech compliance; f) understand the various fintech compliance / AML certifications framework, including but not limited to Certified AML Fintech Compliance Associate (CAFCA) of ACAMS.
Subject Synopsis/ Indicative Syllabus <i>(Note 2)</i>	<p>General Risk Management as mapped to Fintech</p> <ul style="list-style-type: none"> - General corporate and technology management - Contemporary issues and opportunities in Fintech - Startups, insurance, virtual and conventional banking industries <p>Anti-Money-Laundry (AML)</p>

	<ul style="list-style-type: none"> - Various aspects of AML in the fintech and banking industries - Governance, guidance, and regulations in Hong Kong SAR, nearby regions, and world practices - Principle of Regtech <p>Fintech Compliance Management System (CMS)</p> <ul style="list-style-type: none"> - Corporate planning, design and development of CMS - Formulate anti-financial crime strategies - Due diligence and customer considerations, Know Your Customer (KYC) <p>Technologies</p> <ul style="list-style-type: none"> - Cybersecurity as the core of technology risk - Various technology to tackle monitor and tackle the problems of Fintech compliance - Adoption of data analytics, artificial intelligence and machine learning <p>Investigations, Inquires, Auditing, and Reporting</p> <ul style="list-style-type: none"> - Communications with 3rd parties, internal, and management - Compliance Audit - Fraud and monitoring - Know Your Customers (KYC) principle
<p>Teaching/Learning Methodology</p> <p><i>(Note 3)</i></p>	<p>39 hours of class activities, including lectures, tutorials, laboratories, workshops and seminars where applicable</p>

Assessment Methods in Alignment with Intended Learning Outcomes (Note 4)	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)					
			a	b	c	d	e	f
	1. Assignments, Lab Exercises and Quizzes	60	✓	✓	✓	✓	✓	✓
	2. Project		✓	✓	✓	✓	✓	✓
	3. Examination	40	✓	✓	✓	✓	✓	✓
	Total	100 %						
	Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes: Continuous assessment consists of individual assignments, lab exercises, and quizzes to facilitate students to achieve the intended learning outcomes. Lab exercises will involve data analytics, helping bridge theory and practical cases. Quizzes ensure the students understand the concept. The examination will assess and evaluate the student's overall understanding of the topic of fintech regulation and compliance.							
Student Study Effort Expected	Class contact:							
	▪ Class activities (lecture, tutorial, lab)						39 Hrs.	
	▪						Hrs.	
	Other student study effort:							
	▪ Assignments, Quizzes, Projects, Exams						66 Hrs.	
	▪						Hrs.	
	Total student study effort						105 Hrs.	
Reading List and References	1. Guide to Enhanced Competency Framework, Hong Kong Monetary Authority, 2021. 2. Certified AML Fintech Compliance Associate (CAFCA) Examination Candidate Handbook, ACAMS.org, 2022. 3. Journal of Anti Money Control.							

	<ol style="list-style-type: none"> 4. The REGTECH Book: The Financial Technology Handbook for Investors, Entrepreneurs and Visionaries in Regulation, Barberis, Arner, Buckley, Wiley 2019. 5. Financial Regulation and Compliance: How to Manage Competing and Overlapping Regulatory Oversight, Kotz, Wiley, 2015. 6. The RegTech Book: The Financial Technology Handbook for Investors, Entrepreneurs and Visionaries in Regulation (J. Wiley 2019) (co-editor).
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