

Tamkang University Academic Year 113, 1st Semester Course Syllabus

Course Title	FINANCE AND TECHNOLOGY	Instructor	WEI HSUAN
Course Class	TLBAB4A DEPARTMENT OF BANKING AND FINANCE DIVISION OF GLOBAL FINANCIAL MANAGEMENT (ENGLISH-TAUGHT PROGRAM),	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Selective ◆ One Semester ◆ 2 Credits
Relevance to SDGs	4A SDG4 Quality education		
Departmental Aim of Education			
<ul style="list-style-type: none"> I. Learning and instanding international financial theory. II. Learn to plan the future. III. Enhance the ability of practical analysis. IV. Increase the team research ability. V. Master the international financial pulsation. VI. Cultivate morality and global civilization. 			
Subject Departmental core competences			
<ul style="list-style-type: none"> A. The student to have a basic knowledge of international financial management theory and practice.(ratio:30.00) B. To have a good grounding of relevant financial laws.(ratio:10.00) C. To understand the basic moral principles within the international financial industry. (ratio:10.00) D. To have a global perspective of the subject and a basic command of foreign language abilities.(ratio:10.00) E. To obtain international professional qualifications that will aid their future career. (ratio:10.00) F. To obtain a basic ability to examine domestic and global financial situations.(ratio:30.00) 			
Subject Schoolwide essential virtues			
<ul style="list-style-type: none"> 1. A global perspective. (ratio:20.00) 2. Information literacy. (ratio:30.00) 3. A vision for the future. (ratio:5.00) 			

4. Moral integrity. (ratio:5.00)
5. Independent thinking. (ratio:20.00)
6. A cheerful attitude and healthy lifestyle. (ratio:5.00)
7. A spirit of teamwork and dedication. (ratio:10.00)
8. A sense of aesthetic appreciation. (ratio:5.00)

Course Introduction

This course introduces the rapidly evolving field of Financial Technology (FinTech). It explores the intersection of finance and technology, examining how innovative solutions are reshaping the traditional financial landscape. Participants will gain insights into key technologies, emerging trends, and the impact of FinTech on various sectors.

The correspondences between the course's instructional objectives and the cognitive, affective, and psychomotor objectives.

Differentiate the various objective methods among the cognitive, affective and psychomotor domains of the course's instructional objectives.

- I. Cognitive : Emphasis upon the study of various kinds of knowledge in the cognition of the course's veracity, conception, procedures, outcomes, etc.
- II.Affective : Emphasis upon the study of various kinds of knowledge in the course's appeal, morals, attitude, conviction, values, etc.
- III.Psychomotor: Emphasis upon the study of the course's physical activity and technical manipulation.

No.	Teaching Objectives	objective methods
1	This course aims to equip students with a comprehensive understanding of the intersection between finance and technology, along with the skills and knowledge needed to navigate the rapidly evolving FinTech landscape.	Cognitive

The correspondences of teaching objectives : core competences, essential virtues, teaching methods, and assessment

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	ABCDEF	12345678	Lecture, Discussion	Report(including oral and written)

Course Schedule

Week	Date	Course Contents	Note

1	113/09/09 ~ 113/09/15	Course Introduction / Introduction to FinTech	
2	113/09/16 ~ 113/09/22	Blockchain Technology and Cryptocurrencies	
3	113/09/23 ~ 113/09/29	Smart Contracts and Decentralized Finance (DeFi)	
4	113/09/30 ~ 113/10/06	Mobile Payments and Digital Wallets	
5	113/10/07 ~ 113/10/13	National Day (Public Holiday)	
6	113/10/14 ~ 113/10/20	Peer-to-Peer Lending and Crowdfunding	
7	113/10/21 ~ 113/10/27	Robo-Advisors and Algorithmic Trading	
8	113/10/28 ~ 113/11/03	Big Data and Analytics in Finance	
9	113/11/04 ~ 113/11/10	Midterm Presentation	Midterm Exam Week
10	113/11/11 ~ 113/11/17	Artificial Intelligence and Machine Learning	
11	113/11/18 ~ 113/11/24	Cybersecurity	
12	113/11/25 ~ 113/12/01	Regulatory Technology (RegTech) and Compliance	
13	113/12/02 ~ 113/12/08	InsurTech: Technology in Insurance	
14	113/12/09 ~ 113/12/15	Open Banking and APIs	
15	113/12/16 ~ 113/12/22	FinTech Innovation	
16	113/12/23 ~ 113/12/29	Ethics, Privacy, and the Future of FinTech	
17	113/12/30 ~ 114/01/05	Presentation	Final Exam Week
18	114/01/06 ~ 114/01/12	Presentation	Flex week, learning activities should be arranged.
Key capabilities		self-directed learning Problem solving	
Interdisciplinary		STEAM course (S:Science, T:Technology, E:Engineering, M:Math, A field:Integration of Art and Humanist)	
Distinctive teaching			

Course Content	Logical Thinking AI application
Requirement	The adjustment of course content and grading policy would be subject to the number of student enrollments, class participation, and feedback.
Textbooks and Teaching Materials	Self-made teaching materials:Presentations Using teaching materials from other writers:Presentations, Handouts
References	
Grading Policy	◆ Attendance : % ◆ Mark of Usual : % ◆ Midterm Exam : 50.0 % ◆ Final Exam : 50.0 % ◆ Other () : %
Note	This syllabus may be uploaded at the website of Course Syllabus Management System at http://info.ais.tku.edu.tw/csp or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at http://www.acad.tku.edu.tw/CS/main.php . ※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.