

Tamkang University Academic Year 112, 2nd Semester Course Syllabus

Course Title	FINANCE AND TECHNOLOGY	Instructor	WEI HSUAN
Course Class	TGLXB0A ELECTIVES COURSES BY COLLEGE OF BUSINESS AND MANAGEMENT, 0A	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Selective ◆ One Semester
Relevance to SDGs	SDG4 Quality education		
D e p a r t m e n t a l A i m o f E d u c a t i o n			
<ul style="list-style-type: none"> I. Acquisition of professional knowledge. II. Learning effective self-planning. III. Theoretical application of practical matters. IV. Interpersonal communication and teamwork. V. Analysis of problems and recommendations. VI. Awareness of Ethics as a global citizen. 			
Subject Departmental core competences			
<ul style="list-style-type: none"> A. Students can demonstrate that they have program basic knowledge of business and management.(ratio:30.00) B. Students can demonstrate that they have capability in professional knowledge expression. (ratio:20.00) C. Students can demonstrate that they have capability in using information technology. (ratio:25.00) D. Students can demonstrate that they are critical thinkers.(ratio:25.00) 			
Subject Schoolwide essential virtues			
<ul style="list-style-type: none"> 1. A global perspective. (ratio:20.00) 2. Information literacy. (ratio:20.00) 3. A vision for the future. (ratio:15.00) 4. Moral integrity. (ratio:15.00) 5. Independent thinking. (ratio:15.00) 6. A cheerful attitude and healthy lifestyle. (ratio:5.00) 			

7. A spirit of teamwork and dedication. (ratio:5.00)

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. Students 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	ABCD	12345678	Lecture	Testing

Course Schedule

Week	Date	Course Contents	Note
1	113/02/19 ~ 113/02/25	Course Introduction / Chapter 1 Evolution of FinTech	
2	113/02/26 ~ 113/03/03	Chapter 1 Evolution of FinTech	
3	113/03/04 ~ 113/03/10	Chapter 2 Cloud Computing	

4	113/03/11 ~ 113/03/17	Chapter 3 Market Data - Big Data and Platforms	
5	113/03/18 ~ 113/03/24	Chapter 4 Artificial Intelligence	
6	113/03/25 ~ 113/03/31	Chapter 5 Blockchain	
7	113/04/01 ~ 113/04/07	Teaching Observation Period	
8	113/04/08 ~ 113/04/14	Chapter 6 Biometrics	
9	113/04/15 ~ 113/04/21	Midterm Exam Week	
10	113/04/22 ~ 113/04/28	Chapter 7 Payments	
11	113/04/29 ~ 113/05/05	Chapter 8 Insurtech	
12	113/05/06 ~ 113/05/12	Chapter 9 Peer-to-Peer Lending	
13	113/05/13 ~ 113/05/19	Chapter 10 Crowdfunding	
14	113/05/20 ~ 113/05/26	Chapter 11 Robo-Advisors, Automated Management and Advice	
15	113/05/27 ~ 113/06/02	Chapter 12 Internet-Only Bank and Open Banking	
16	113/06/03 ~ 113/06/09	Chapter 13 RegTech	
17	113/06/10 ~ 113/06/16	Chapter 14 Cyber Security and Risk Management	
18	113/06/17 ~ 113/06/23	Final Exam	
Requirement	The adjustment of course content and grading policy would be subject to class participation and feedback.		
Textbooks and Teaching Materials	Self-made teaching materials: Presentations Using teaching materials from other writers: Textbooks, Presentations Name of teaching materials: 金融科技力 FinTech (2024年版) 台灣金融研訓院。		
References			
Grading Policy	◆ Attendance : % ◆ Mark of Usual : % ◆ Midterm Exam : 50.0 % ◆ Final Exam : 50.0 % ◆ Other () : %		

Note	<p>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.</p> <p>※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</p>
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