

## Tamkang University Academic Year 111, 2nd Semester Course Syllabus

Course Title	FUTURES AND OPTIONS	Instructor	(多位教師合開) CHEUNG-SUM LU
Course Class	TLWXB3A BACHELOR'S PROGRAM IN GLOBAL FINANCIAL MANAGEMENT (ENGLISH- TAUGHT PROGRAM), 3A	Details	<ul style="list-style-type: none"> <li>◆ General Course</li> <li>◆ Required</li> <li>◆ One Semester</li> </ul>
Relevance to SDGs	SDG8 Decent work and economic growth SDG9 Industry, Innovation, and Infrastructure		
<b>Departmental Aim of Education</b>			
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.			
<b>Subject Departmental core competences</b>			
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:5.00) 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:5.00) E. To obtain international professional qualifications that will aid their future career. (ratio:30.00) F. To obtain a basic ability to examine domestic and global financial situations.(ratio:20.00)			
<b>Subject Schoolwide essential virtues</b>			
1. A global perspective. (ratio:20.00) 2. Information literacy. (ratio:20.00) 3. A vision for the future. (ratio:10.00)			

4. Moral integrity. (ratio:5.00)
5. Independent thinking. (ratio:30.00)
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

Discuss the mechanism of futures and options markets, introduce the pricing of futures, forward, and options contract, and present how one uses those derivatives as hedging tools.

**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	Discuss in-depth the mechanisms of the futures and options market.	Cognitive
2	Present various models to price forward, futures, and options contracts.	Psychomotor
3	Apply hedging strategies using forward, futures, and options contracts.	Affective

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment

1	BCD	1234	Lecture, Discussion, Practicum	Testing, Study Assignments, Discussion(including classroom and online), Practicum, Report(including oral and written), Activity Participation
2	AEF	125	Lecture, Discussion, Practicum, Imitation	Testing, Study Assignments, Discussion(including classroom and online), Practicum, Activity Participation
3	AF	5678	Lecture, Discussion, Practicum	Testing, Study Assignments, Discussion(including classroom and online), Practicum, Activity Participation

### Course Schedule

Week	Date	Course Contents	Note
1	112/02/13 ~ 112/02/19	Introduction, 2/13 and 2/15	
2	112/02/20 ~ 112/02/26	Introduction, 2/20 and 2/22	Turn in group member list
3	112/02/27 ~ 112/03/05	Futures market, 3/1	2/27 Holiday
4	112/03/06 ~ 112/03/12	Futures market, 3/6 and 3/8	
5	112/03/13 ~ 112/03/19	Pricing forward and futures, 3/13 and 3/15	
6	112/03/20 ~ 112/03/26	Pricing forward and futures, 3/20 and 3/22	
7	112/03/27 ~ 112/04/02	Pricing forward and futures, 3/27 and 3/29	
8	112/04/03 ~ 112/04/09	Spring break!!!	
9	112/04/10 ~ 112/04/16	Pricing forward and futures, 4/10 and 4/12	
10	112/04/17 ~ 112/04/23	Midterm Exam Week	
11	112/04/24 ~ 112/04/30	Options contracts, 4/24 and 4/26	
12	112/05/01 ~ 112/05/07	Options contracts, 5/1 and 5/3	
13	112/05/08 ~ 112/05/14	Options contracts, 5/8 and 5/10	
14	112/05/15 ~ 112/05/21	Pricing options, 5/15 and 5/17	
15	112/05/22 ~ 112/05/28	Pricing options, 5/22 and 5/24	

16	112/05/29 ~ 112/06/04	Pricing options, 5/29 and 5/31	
17	112/06/05 ~ 112/06/11	Discussing projects, 6/5 and 6/7	
18	112/06/12 ~ 112/06/18	Final Exam Week	
Requirement	Please refer to the Extended Syllabus on the class website.		
Teaching Facility	Computer, Projector		
Textbooks and Teaching Materials	Options, Futures, and Other Derivatives, Global Edition, by John Hull (Pearson).		
References			
Number of Assignment(s)	4 (Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : 5.0 %   ◆ Mark of Usual : 20.0 %   ◆ Midterm Exam : 30.0 % ◆ Final Exam : 30.0 % ◆ Other 〈Project〉 : 15.0 %		
Note	This syllabus may be uploaded at the website of Course Syllabus Management System at <a href="http://info.ais.tku.edu.tw/csp">http://info.ais.tku.edu.tw/csp</a> or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at <a href="http://www.acad.tku.edu.tw/CS/main.php">http://www.acad.tku.edu.tw/CS/main.php</a> . <b>※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</b>		