

Tamkang University Academic Year 108, 2nd Semester Course Syllabus

Course Title	FUTURES AND OPTIONS	Instructor	HSU JIA HUEY
Course Class	TLFBB4A DIVISION OF GLOBAL COMMERCE, DEPARTMENT OF INTERNATIONAL BUSINESS (ENGLISH TAUGHT PROGRAM), 4A	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Selective ◆ One Semester
<p>Departmental Aim of Education</p>			
<p>I. To instill the university motto of "Simplicity, Firmness, Perseverance, and Fulfillment" into students.</p> <p>II. By integrating the "Five Disciplines" of education, the qualities of conduct, intelligence, physical education, teamwork, and beauty into the professional, core, and extracurricular curriculum, the department helps to produce well-rounded students skilled in identifying and solving problems.</p> <p>III. To oversee the trend and foresee the development of global economy, the department aims to produce the graduates with expertise in the fields of International Business and Trade.</p>			
<p>Subject Departmental core competences</p>			
<p>A. Breeding professionals with expertise in general International Trade and International Business.(ratio:20.00)</p> <p>B. Consisting of Globalization, Information-Oriented and Future-Oriented education. (ratio:20.00)</p> <p>C. Producing graduates with capability of foreseeing and analyzing the development of Global Economy.(ratio:40.00)</p> <p>D. Breeding professionals with expertise in Marketing and Financial Management.(ratio:20.00)</p>			
<p>Subject Schoolwide essential virtues</p>			
<p>1. A global perspective. (ratio:20.00)</p> <p>2. Information literacy. (ratio:20.00)</p> <p>3. A vision for the future. (ratio:20.00)</p> <p>5. Independent thinking. (ratio:40.00)</p>			

Course Introduction	The underlying philosophy of this course is to provide the foundations for understanding derivatives in general. The key derivatives instruments discussed include futures, forwards, and options. Readings, cases, and examples include the recent financial crisis. At the end of the course, students are expected to have an essential ability to elaborate on the functions of derivatives and be able to fully understand how derivatives can help investors diversify their investment portfolio.
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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	To understand the basic derivatives and their applications; To learn the important concepts in financial and derivative markets; To comprehend the essentials of financial investment.	Cognitive

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	ABCD	1235	Lecture, Discussion	Testing, Discussion(including classroom and online)

Course Schedule

Week	Date	Course Contents	Note
1	109/03/02 ~ 109/03/08	Course introduction	
2	109/03/09 ~ 109/03/15	An overview of derivative markets and instruments	
3	109/03/16 ~ 109/03/22	Forward and futures markets	
4	109/03/23 ~ 109/03/29	Forward and futures pricing I	
5	109/03/30 ~ 109/04/05	Forward and futures pricing II	

6	109/04/06 ~ 109/04/12	Futures hedging strategies I	
7	109/04/13 ~ 109/04/19	Futures hedging strategies II	
8	109/04/20 ~ 109/04/26	Options market I	
9	109/04/27 ~ 109/05/03	Midterm Exam Week	
10	109/05/04 ~ 109/05/10	Options market II	
11	109/05/11 ~ 109/05/17	Option pricing	
12	109/05/18 ~ 109/05/24	Basic option strategies I	
13	109/05/25 ~ 109/05/31	Basic option strategies II	
14	109/06/01 ~ 109/06/07	Graduate Exam Week	
15	109/06/08 ~ 109/06/14	Supplementary teaching: Financial risk management techniques and applications	
16	109/06/15 ~ 109/06/21	---	
17	109/06/22 ~ 109/06/28	---	
18	109/06/29 ~ 109/07/05	---	
Requirement	The course content and progress will be adjusted accordingly based on the interaction between instructor and students.		
Teaching Facility	Computer, Projector		
Textbooks and Teaching Materials	Chance, D. M., & Brooks, R. (2015). Introduction to derivatives and risk management. South-Western Pub.		
References			
Number of Assignment(s)	(Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : 20.0 % ◆ Mark of Usual : 20.0 % ◆ Midterm Exam : 30.0 % ◆ Final Exam : 30.0 % ◆ 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>.

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