

Tamkang University Academic Year 113, 1st Semester Course Syllabus

Course Title	ADVANCED STUDY ON ASSET LIABILITY MANAGEMENT FOR INSURANCE COMPANY	Instructor	WEI HSUAN
Course Class	TLOXM2A MASTER'S PROGRAM, DEPARTMENT OF RISK MANAGEMENT AND INSURANCE, 2A	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Selective ◆ One Semester ◆ 3 Credits
Relevance to SDGs	SDG4 Quality education		
Departmental Aim of Education			
<ul style="list-style-type: none"> I. Emphasize on a monographic study on insurance, and enhance professional knowledge of insurance. II. Enhance training for analytical thinking, and strengthen problem-solving and analytical skills. III. Focus on industry-university cooperation, and combine theory and practical issues. 			
Subject Departmental core competences			
<ul style="list-style-type: none"> A. Students will exhibit professional knowledge of risk management and insurance. (ratio:30.00) B. Students will exhibit the ability of operations management in risk management and insurance.(ratio:30.00) C. Students will exhibit communication, cooperation and integration skills.(ratio:10.00) D. Students will exhibit analytical and problem-solving skills.(ratio:10.00) E. Students will exhibit the ability to write thesis and report.(ratio:10.00) F. Students will exhibit international perspectives.(ratio:10.00) 			
Subject Schoolwide essential virtues			
<ul style="list-style-type: none"> 1. A global perspective. (ratio:15.00) 2. Information literacy. (ratio:15.00) 3. A vision for the future. (ratio:15.00) 4. Moral integrity. (ratio:15.00) 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 aims to provide students with an in-depth examination of the core elements and practices of asset and liability management (ALM) of insurance companies.

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	By the end of this course, students will be able to understand the unique ALM challenges faced by insurance companies, apply advanced ALM techniques and models to real-world insurance scenarios, and utilize contemporary software and tools for decision-making.	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, Publication	Discussion(including classroom and online), Report(including oral and written)

Course Schedule

Week	Date	Course Contents	Note
1	113/09/09 ~ 113/09/15	Course Introduction	
2	113/09/16 ~ 113/09/22	Mid-Autumn Festival (Public Holiday)	

3	113/09/23 ~ 113/09/29	Insurance Products	
4	113/09/30 ~ 113/10/06	Assets I	
5	113/10/07 ~ 113/10/13	Assets II	
6	113/10/14 ~ 113/10/20	Fair Valuation I	
7	113/10/21 ~ 113/10/27	Fair Valuation II	
8	113/10/28 ~ 113/11/03	Fair Valuation III	Guest speaker
9	113/11/04 ~ 113/11/10	Presentation	
10	113/11/11 ~ 113/11/17	Presentation	
11	113/11/18 ~ 113/11/24	Optimal Asset Allocation I	
12	113/11/25 ~ 113/12/01	Optimal Asset Allocation II	
13	113/12/02 ~ 113/12/08	Optimal Asset Allocation III	
14	113/12/09 ~ 113/12/15	Optimal Asset Allocation IV	
15	113/12/16 ~ 113/12/22	Challenges in ALM I	
16	113/12/23 ~ 113/12/29	Challenges in ALM II	
17	113/12/30 ~ 114/01/05	Presentation	
18	114/01/06 ~ 114/01/12	Presentation	
Key capabilities	self-directed learning Problem solving		
Interdisciplinary			
Distinctive teaching			
Course Content	Logical Thinking		

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, Journal articles
References	Hardy, Mary R. 2003, Investment Guarantees: Modeling and Risk Management for Equity-Linked Life Insurance, John Wiley and Sons Inc., Hoboken, New Jersey. Hull, J.C., 2017. Fundamentals of Futures and Options Markets, Global Edition. Pearson, England. Multimedia materials on current affairs.
Grading Policy	◆ Attendance : % ◆ Mark of Usual : 20.0 % ◆ Midterm Exam : % ◆ Final Exam : % ◆ Other <Presentations> : 80.0 %
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.