

## Tamkang University Academic Year 113, 2nd Semester Course Syllabus

Course Title	DESIGN OF INSURANCE PRODUCTION	Instructor	WEI HSUAN
Course Class	TLOXM1A MASTER'S PROGRAM, DEPARTMENT OF RISK MANAGEMENT AND INSURANCE, 1A	Details	<ul style="list-style-type: none"> <li>◆ General Course</li> <li>◆ Selective</li> <li>◆ One Semester</li> <li>◆ 3 Credits</li> </ul>
Relevance to SDGs	SDG4 Quality education		
Departmental Aim of Education			
<ul style="list-style-type: none"> <li>I. Emphasize on a monographic study on insurance, and enhance professional knowledge of insurance.</li> <li>II. Enhance training for analytical thinking, and strengthen problem-solving and analytical skills.</li> <li>III. Focus on industry-university cooperation, and combine theory and practical issues.</li> </ul>			
Subject Departmental core competences			
<ul style="list-style-type: none"> <li>A. Students will exhibit professional knowledge of risk management and insurance. (ratio:30.00)</li> <li>B. Students will exhibit the ability of operations management in risk management and insurance.(ratio:30.00)</li> <li>C. Students will exhibit communication, cooperation and integration skills.(ratio:10.00)</li> <li>D. Students will exhibit analytical and problem-solving skills.(ratio:10.00)</li> <li>E. Students will exhibit the ability to write thesis and report.(ratio:10.00)</li> <li>F. Students will exhibit international perspectives.(ratio:10.00)</li> </ul>			
Subject Schoolwide essential virtues			
<ul style="list-style-type: none"> <li>1. A global perspective. (ratio:10.00)</li> <li>2. Information literacy. (ratio:20.00)</li> <li>3. A vision for the future. (ratio:10.00)</li> <li>4. Moral integrity. (ratio:20.00)</li> <li>5. Independent thinking. (ratio:20.00)</li> <li>6. A cheerful attitude and healthy lifestyle. (ratio:5.00)</li> <li>7. A spirit of teamwork and dedication. (ratio:10.00)</li> </ul>			

8. A sense of aesthetic appreciation. (ratio:5.00)

**Course Introduction**

The purpose of this course is to provide students with an understanding of the core concepts when developing investment-linked insurance products. We also utilize programming tools such as Excel VBA and R for back-testing these products.

**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 provide students with an understanding on the core concepts when developing investment-linked insurance products	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	Discussion(including classroom and online), Report(including oral and written)

**Course Schedule**

Week	Date	Course Contents	Note
1	114/02/17 ~ 114/02/23	Course Introduction	
2	114/02/24 ~ 114/03/02	Introduction to Investment Products	
3	114/03/03 ~ 114/03/09	Product Types I	
4	114/03/10 ~ 114/03/16	Product Types II	

5	114/03/17 ~ 114/03/23	Product Types III	
6	114/03/24 ~ 114/03/30	Product Structures I	
7	114/03/31 ~ 114/04/06	Teaching Observation Period	
8	114/04/07 ~ 114/04/13	Product Structures II	
9	114/04/14 ~ 114/04/20	Presentation	
10	114/04/21 ~ 114/04/27	Product Structures III	
11	114/04/28 ~ 114/05/04	Product Implementation I	
12	114/05/05 ~ 114/05/11	Product Implementation II	
13	114/05/12 ~ 114/05/18	Product Implementation III	
14	114/05/19 ~ 114/05/25	Product Implementation IV	
15	114/05/26 ~ 114/06/01	Product Implementation V	
16	114/06/02 ~ 114/06/08	Product Implementation VI	
17	114/06/09 ~ 114/06/15	Product Implementation VII	
18	114/06/16 ~ 114/06/22	Presentation	
Key capabilities	self-directed learning Information Technology		
Interdisciplinary	STEAM course (S:Science, T:Technology, E:Engineering, M:Math, A field:Integration of Art and Humanist)		
Distinctive teaching	Special/Problem-Based(PBL) Courses		
Course Content	Computer programming or Computer language (students have hands-on experience in related projects) Logical Thinking AI application		
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, Multi-media Using teaching materials from other writers:Multi-media
References	
Grading Policy	<p>◆ Attendance :           %   ◆ Mark of Usual : 30.0 %   ◆ Midterm Exam :           %</p> <p>◆ Final Exam :           %</p> <p>◆ Other 〈Presentations〉 : 70.0 %</p>
Note	<p>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> .</p> <p><b>※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</b></p>