

Tamkang University Academic Year 109, 1st Semester Course Syllabus

Course Title	THE STATISTICAL ANALYSIS OF FINANCIAL MARKETS	Instructor	HUEIY-FEN WANG
Course Class	TLWXB2A BACHELOR'S PROGRAM IN GLOBAL FINANCIAL MANAGEMENT (ENGLISH-TAUGHT PROGRAM), 2A	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Selective ◆ One Semester
Departmental Aim of Education			
<p>I. Learning and instanding international financial theory.</p> <p>II. Learn to plan the future.</p> <p>III. Enhance the ability of practical analysis.</p> <p>IV. Increase the team research ability.</p> <p>V. Master the international financial pulsation.</p> <p>VI. Cultivate morality and global civilization.</p>			
Subject Departmental core competences			
<p>A. The student to have a basic knowledge of international financial management theory and practice.(ratio:30.00)</p> <p>D. To have a global perspective of the subject and a basic command of foreign language abilities.(ratio:20.00)</p> <p>F. To obtain a basic ability to examine domestic and global financial situations.(ratio:50.00)</p>			
Subject Schoolwide essential virtues			
<p>1. A global perspective. (ratio:10.00)</p> <p>2. Information literacy. (ratio:30.00)</p> <p>5. Independent thinking. (ratio:60.00)</p>			
Course Introduction	<p>This course covers several lessons concerning about the useful Excel statistics tools and aims to help students learning the necessary skills in Excel and VBA in order to facilitate their study in solving financial problems. Students will have opportunities to practice the analysis work in the lab.</p>		

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	Review the framework of Excel and be familiar with the built-in functions of Excel and VBA.	Cognitive
2	Analyze the financial problems with Excel and VBA.	Cognitive
3	The objective is to aim to help students learning the necessary skills in Excel and VBA for solving financial problem.	Cognitive

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	ADF	125	Lecture	Testing, Report(including oral and written), Activity Participation
2	ADF	125	Lecture	Testing, Report(including oral and written), Activity Participation
3	ADF	125	Lecture	Testing, Report(including oral and written), Activity Participation

Course Schedule

Week	Date	Course Contents	Note
1	109/09/14 ~ 109/09/20	Brief introduction to this course	
2	109/09/21 ~ 109/09/27	Excel Basic	
3	109/09/28 ~ 109/10/04	Statistical analysis in Excel (I)	
4	109/10/05 ~ 109/10/11	Statistical analysis in Excel (II)	
5	109/10/12 ~ 109/10/18	Statistical analysis in Excel (III)	
6	109/10/19 ~ 109/10/25	Financial Functions in Excel (I)	
7	109/10/26 ~ 109/11/01	Financial Functions in Excel (II)	

8	109/11/02 ~ 109/11/08	Financial Functions in Excel (III)	
9	109/11/09 ~ 109/11/15	Midterm exam with computer in computer lab.	
10	109/11/16 ~ 109/11/22	Midterm Exam Week	
11	109/11/23 ~ 109/11/29	Time Value of Money (I)	
12	109/11/30 ~ 109/12/06	Time Value of Money (II)	
13	109/12/07 ~ 109/12/13	Financial Planning and Investments (I)	
14	109/12/14 ~ 109/12/20	Financial Planning and Investments (II)	
15	109/12/21 ~ 109/12/27	Pivot Table (I)	
16	109/12/28 ~ 110/01/03	Pivot Table (II)	
17	110/01/04 ~ 110/01/10	Final Exam with computer in computer lab.	
18	110/01/11 ~ 110/01/17	Final Exam Week	
Requirement			
Teaching Facility	Computer, Projector		
Textbooks and Teaching Materials			
References	Chandan Sengupta : Financial Analysis and Modeling Using Excel and VBA 姜堯民 : 財務軟體應用 Financial Modeling Francis J. Clauss : Corporate Financial Analysis with Microsoft Excel		
Number of Assignment(s)	2 (Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : 10.0 % ◆ Mark of Usual : 20.0 % ◆ Midterm Exam : 35.0 % ◆ Final Exam : 35.0 % ◆ 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 . ※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.		