Tamkang University Academic Year 112, 1st Semester Course Syllabus

Course Title	THE STATISTICAL ANALYSIS OF FINANCIAL MARKETS	Instructor	MANGAL, TRICIA KAREN VERNESSA
Course Class	TLBAB2A DEPARTMENT OF BANKING AND FINANCE DIVISION OF GLOBAL FINANCIAL MANAGEMENT (ENGLISH-TAUGHT PROGRAM),	Details	◆ General Course ◆ Selective ◆ One Semester

Relevance to SDGs	2A SDG4 Quality education SDG8 Decent work and economic growth

Departmental Aim of Education

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.

Subject Departmental core competences

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:20.00)

E. To obtain international professional qualifications that will aid their future career.(ratio:5.00)

F. To obtain a basic ability to examine domestic and global financial situations.(ratio:30.00)

Subject Schoolwide essential virtues

1. A global perspective. (ratio:25.00)

2. Information literacy. (ratio:15.00)

3. A vision for the future. (ratio:20.00)

4. Moral integrity. (ratio:15.00)

5. Independent thinking. (ratio:5.00)	

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 introduces you to many lessons concerning statistical tools available in Microsoft Excel. You will learn how to perform financial analysis & financial modeling using MS Excel. Case studies and other resources will be used in order to show you how these lessons can be applied in the real world. Moreover, plenty of opportunities to practice will be provided.

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	Introduce the Built-In Excel Functions, including statistical, financial and logical functions.	Cognitive
2	Create a model with multiple scenarios.	Cognitive
3	Gain a solid understanding of Financial Analysis. Learn the basic and advanced level of Financial Accounting concepts that are required for Financial Analysis.	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	Testing, Study Assignments, Report(including oral and written)

2	ABCDEF	12345678	Lecture	Testing, Study Assignments, Report(including oral and written)
3	ABCDEF	12345678	Lecture	Testing, Study Assignments, Report(including oral and written)

Course Schedule			
Week	Date	Course Contents	Note
1	112/09/11～112/09/17	Introduction to the course	
2	112/09/18～112/09/24	Introduction to Excel including formulas and functions	
3	112/09/25～112/10/01	Excel Functions	
4	112/10/02～112/10/08	Financial Charts and Dashboards	
5	112/10/09～112/10/15	Pivot Tables and Pivot Charts	
6	112/10/16～112/10/22	Correlation Analysis & P&L analysis	
7	112/10/23～112/10/29	Midterm Review Week & Questions Distribution	
8	112/10/30～112/11/05	Midterm Presentations	
9	112/11/06～112/11/12	Midterm Exam Week	
10	112/11/13～112/11/19	Financial Ratios	
11	112/11/20～112/11/26	Loan Repayment Calculations and Depreciation	
12	112/11/27～112/12/03	Time Value of Money	
13	112/12/04～112/12/10	Capital Budgeting	
14	112/12/11～112/12/17	Capital Budgeting	
15	112/12/18～112/12/24	Final Review Week & Questions Distribution	
16	112/12/25～112/12/31	Final Presentations	
17	113/01/01～113/01/07	Final Exam Week	
18	113/01/08～113/01/14	Flex week, learning activities should be arranged.	
Key capabilities		Information Technology	

Interdisciplinary	Competency-based education 'competency exploration' sustained competency or global issues STEEP (Society, Technology, Economy, Environment, and Politics)
Distinctive teaching	USR curriculum
Course Content	Logical Thinking
Requirement	
Textbooks and Teaching Materials	Self-made teaching materials:Presentations, Worksheets Using teaching materials from other writers:Worksheets
References	
Grading Policy	◆ Attendance： 15.0 % ◆ Mark of Usual：20.0 % ◆ Midterm Exam：35.0 % ◆ 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 . **※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.**