

## Tamkang University Academic Year 110, 1st Semester Course Syllabus

Course Title	THE STATISTICAL ANALYSIS OF FINANCIAL MARKETS	Instructor	MANGAL, TRICIA KAREN VERNESSA
Course Class	TLWXB2A BACHELOR'S PROGRAM IN GLOBAL FINANCIAL MANAGEMENT (ENGLISH-TAUGHT PROGRAM), 2A	Details	<ul style="list-style-type: none"> <li>◆ General Course</li> <li>◆ Selective</li> <li>◆ One Semester</li> </ul>
Relevance to SDGs	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) D. To have a global perspective of the subject and a basic command of foreign language abilities.(ratio:20.00) F. To obtain a basic ability to examine domestic and global financial situations.(ratio:50.00)			
Subject Schoolwide essential virtues			
1. A global perspective. (ratio:10.00) 2. Information literacy. (ratio:30.00) 5. Independent thinking. (ratio:60.00)			

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.
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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	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	ADF	125	Lecture	Testing, Discussion(including classroom and online), Report(including oral and written)
2	ADF	125	Lecture	Testing, Discussion(including classroom and online), Report(including oral and written)

3	ADF	125	Lecture	Testing, Discussion(including classroom and online), Report(including oral and written)
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Course Schedule

Week	Date	Course Contents	Note
1	110/09/22 ~ 110/09/28	Brief introduction to this course	
2	110/09/29 ~ 110/10/05	Introduction to Excel including formulas and functions	
3	110/10/06 ~ 110/10/12	Excel Functions	
4	110/10/13 ~ 110/10/19	Financial Charts and Dashboards I	
5	110/10/20 ~ 110/10/26	Financial Charts and Dashboards II (including a case study)	
6	110/10/27 ~ 110/11/02	Pivot Tables and Pivot Charts	
7	110/11/03 ~ 110/11/09	Loan Repayment Calculations and Depreciation	
8	110/11/10 ~ 110/11/16	Midterm Presentations	
9	110/11/17 ~ 110/11/23	Midterm Exam Week	
10	110/11/24 ~ 110/11/30	Analyzing P&L statements and Financial Ratios	
11	110/12/01 ~ 110/12/07	Time Value of Money	
12	110/12/08 ~ 110/12/14	Building a discounted cashflow model	
13	110/12/15 ~ 110/12/21	A complete practical case	
14	110/12/22 ~ 110/12/28	Capital Budgeting	
15	110/12/29 ~ 111/01/04	Review Week	
16	111/01/05 ~ 111/01/11	Final Presentations	
17	111/01/12 ~ 111/01/18	Final Exam Week	
18	111/01/19 ~ 111/01/25		

Requirement	

Teaching Facility	Computer, Projector
Textbooks and Teaching Materials	
References	
Number of Assignment(s)	3 (Filled in by assignment instructor only)
Grading Policy	<p>◆ Attendance : 10.0 %    ◆ Mark of Usual : 30.0 %    ◆ Midterm Exam : 30.0 %</p> <p>◆ Final Exam : 30.0 %</p> <p>◆ Other &lt; &gt; : %</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>