

Tamkang University Academic Year 109, 2nd Semester Course Syllabus

Course Title	STATISTICS	Instructor	LIN JYH-JIUAN
Course Class	TLWXB1A BACHELOR'S PROGRAM IN GLOBAL FINANCIAL MANAGEMENT (ENGLISH-TAUGHT PROGRAM), 1A	Details	◆ General Course ◆ Required ◆ 2nd Semester
Relevance to SDGs	SDG4 Quality education		
D e p a r t m e n t a l A i m o f E d u c a t i o n			
I . Acquisition of professional knowledge. II. Learning effective self-planning. III. Theoretical application of practical matters. IV. Interpersonal communication and teamwork. V . Analysis of problems and recommendations. VI. Awareness of Ethics as a global citizen.			
Subject Departmental core competences			
A. Students can demonstrate that they have program basic knowledge of business and management.(ratio:50.00) B. Students can demonstrate that they have capability in professional knowledge expression. (ratio:50.00)			
Subject Schoolwide essential virtues			
5. Independent thinking. (ratio:80.00) 8. A sense of aesthetic appreciation. (ratio:20.00)			

Course Introduction	To develop statistical thinking, use real data in applications, to analyze data systematically and predict the future. Help a decision maker to inference and draw conclusions from the data through all kinds of statistical methodology.
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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	To develop conceptual understanding in statistical thinking, use real data in applications.	Cognitive

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	AB	58	Lecture, Practicum	Testing, Discussion(including classroom and online), Practicum

Course Schedule

Week	Date	Course Contents	Note
1	110/02/22 ~ 110/02/28	Reveiw of Normal Distribution	
2	110/03/01 ~ 110/03/07	Sampling distribution and theCentral Limit Theory-1	*
3	110/03/08 ~ 110/03/14	Sampling distribution and theCentral Limit Theory-2	
4	110/03/15 ~ 110/03/21	Estimation-1	*
5	110/03/22 ~ 110/03/28	Estimation-2	

6	110/03/29 ~ 110/04/04	Tomb Sweeping Day, class off.	no class
7	110/04/05 ~ 110/04/11	Hypothesis Testing -1	
8	110/04/12 ~ 110/04/18	Chi-square Distribution	*
9	110/04/19 ~ 110/04/25	Hypothesis Testing -2	
10	110/04/26 ~ 110/05/02	Midterm Exam Week	
11	110/05/03 ~ 110/05/09	F-distribution	
12	110/05/10 ~ 110/05/16	Categorical Analysis-1	*
13	110/05/17 ~ 110/05/23	Categorical Analysis-2	
14	110/05/24 ~ 110/05/30	Correlation analysis	
15	110/05/31 ~ 110/06/06	Regression Analysis-1	*
16	110/06/07 ~ 110/06/13	Regression Analysis-2	
17	110/06/14 ~ 110/06/20	Regression Analysis-3	
18	110/06/21 ~ 110/06/27	Final Exam Week	
Requirement			
Teaching Facility		Computer, Projector	
Textbooks and Teaching Materials		Essentials of Business Statistics 2013, Jaggia & Kelly, McGraw-Hill/Irwin	
References			
Number of Assignment(s)		(Filled in by assignment instructor only)	
Grading Policy		◆ Attendance : 5.0 % ◆ Mark of Usual : 20.0 % ◆ Midterm Exam : 30.0 % ◆ Final Exam : 30.0 % ◆ Other (practice class) : 15.0 %	
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.	