

Tamkang University Academic Year 110, 2nd Semester Course Syllabus

Course Title	STATISTICS	Instructor	DENG WEN-SHUENN
Course Class	TLBAB1A DEPARTMENT OF BANKING AND FINANCE DIVISION OF GLOBAL FINANCIAL MANAGEMENT (ENGLISH-TAUGHT PROGRAM),	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Required ◆ 2nd Semester
Relevance to SDGs	1A 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			
<ul style="list-style-type: none"> 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			
<ul style="list-style-type: none"> 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			
<ul style="list-style-type: none"> 5. Independent thinking. (ratio:80.00) 8. A sense of aesthetic appreciation. (ratio:20.00) 			

Course Introduction	The course provides an introduction to statistical concepts and techniques with application in business. Topics include Hypothesis testing, goodness of fits test, analysis of variance and Regression analysis
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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	1. To comprehend the concept and applications of hypothesis testing	Cognitive
2	To comprehend the concepts and applications of goodness of fits test	Cognitive
3	To familiarize students with the concepts of regression analysis	Cognitive
4	To acquaint the concepts and applications of analysis of variance	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, Study Assignments
2	AB	58	Lecture, Practicum	Testing, Study Assignments
3	AB	58	Lecture, Practicum	Testing, Study Assignments
4	AB	58	Lecture, Practicum	Testing, Study Assignments

Course Schedule			
Week	Date	Course Contents	Note
1	111/02/21 ~ 111/02/25	Interval Estimation	
2	111/02/28 ~ 111/03/04	Interval Estimation	
3	111/03/07 ~ 111/03/11	Interval Estimation	
4	111/03/14 ~ 111/03/18	Hypothesis Testing	
5	111/03/21 ~ 111/03/25	Hypothesis Testing	
6	111/03/28 ~ 111/04/01	Hypothesis Testing	
7	111/04/04 ~ 111/04/08	Comparison Involving Means	
8	111/04/11 ~ 111/04/15	Comparison Involving Means	
9	111/04/18 ~ 111/04/22	Comparison Involving Means	
10	111/04/25 ~ 111/04/29	Midterm Exam Week	
11	111/05/02 ~ 111/05/06	Comparison Involving Proportions	
12	111/05/09 ~ 111/05/13	Comparison Involving Proportions	
13	111/05/16 ~ 111/05/20	Comparison Involving Proportions	
14	111/05/23 ~ 111/05/27	Basic Regression Analysis	
15	111/05/30 ~ 111/06/03	Basic Regression Analysis	
16	111/06/06 ~ 111/06/10	Basic Regression Analysis	
17	111/06/13 ~ 111/06/17	More on Regression Analysis	
18	111/06/20 ~ 111/06/24	Final Exam Week	
Requirement			
Teaching Facility		Computer, Projector	
Textbooks and Teaching Materials		Elementary Statistics 7/E (2018) By Ron Larson and Betsy Farber ELEMENTARY STATISTICS: A STEP BY STEP APPROACH 6/E (A BRIEF VERSION)(IE), McGraw-Hill	
References			

Number of Assignment(s)	4 (Filled in by assignment instructor only)
Grading Policy	<ul style="list-style-type: none"> ◆ Attendance : 5.0 % ◆ Mark of Usual : 15.0 % ◆ Midterm Exam : 40.0 % ◆ Final Exam : 40.0 % ◆ Other () : %
Note	<p>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.</p> <p>※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</p>