

Tamkang University Academic Year 108, 2nd Semester Course Syllabus

Course Title	STATISTICS	Instructor	HSIEH CHIH-JOU
Course Class	TLFBB1A DIVISION OF GLOBAL COMMERCE, DEPARTMENT OF INTERNATIONAL BUSINESS (ENGLISH- TAUGHT PROGRAM), 1A	Details	◆ General Course ◆ Required ◆ 2nd Semester
Departmental Aim of Education			
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	The purpose of this course is to give students a conceptual introduction to the field of statistics and its many applications.		

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	Students will be able to understand and analyze data based on various statistical methodologies.	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, Discussion, Practicum	Testing, Practicum

Course Schedule

Week	Date	Course Contents	Note
1	109/03/02 ~ 109/03/08	Hypothesis Tests	
2	109/03/09 ~ 109/03/15	Hypothesis Tests	
3	109/03/16 ~ 109/03/22	Inference About Means and Proportions with Two Populations	
4	109/03/23 ~ 109/03/29	Inference About Means and Proportions with Two Populations	
5	109/03/30 ~ 109/04/05	Inferences About Population Variances	
6	109/04/06 ~ 109/04/12	Inferences About Population Variances	
7	109/04/13 ~ 109/04/19	Comparing Multiple Proportions, Test of Independence and Goodness of Fit	
8	109/04/20 ~ 109/04/26	Comparing Multiple Proportions, Test of Independence and Goodness of Fit	
9	109/04/27 ~ 109/05/03	Midterm Exam Week	
10	109/05/04 ~ 109/05/10	Experimental Design & Analysis of Variance	
11	109/05/11 ~ 109/05/17	Experimental Design & Analysis of Variance	

12	109/05/18 ~ 109/05/24	Experimental Design & Analysis of Variance	
13	109/05/25 ~ 109/05/31	Experimental Design & Analysis of Variance	
14	109/06/01 ~ 109/06/07	Nonparametric Methods	
15	109/06/08 ~ 109/06/14	Nonparametric Methods	
16	109/06/15 ~ 109/06/21	Nonparametric Methods	
17	109/06/22 ~ 109/06/28	Final Exam Week (Date:109/6/18-109/6/24)	
18	109/06/29 ~ 109/07/05	Supplementary teaching:Hypothesis Tests (Date:109/March/7;Time: 8:00AM-10:00AM)	
Requirement			
Teaching Facility		Computer, Other (Blackboard)	
Textbooks and Teaching Materials		Statistics for Business and Economics- Anderson, Sweeney, Williams, Camm and Cochran (13e)	
References			
Number of Assignment(s)		(Filled in by assignment instructor only)	
Grading Policy		◆ Attendance : % ◆ Mark of Usual : % ◆ Midterm Exam : 50.0 % ◆ Final Exam : 50.0 % ◆ 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.	