

Tamkang University Academic Year 110, 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
Relevance to SDGs	SDG4 Quality education SDG5 Gender equality SDG8 Decent work and economic growth SDG10 Reducing inequalities		
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	The purpose of this course is to give students a conceptual introduction to the field of statistics and its many applications.
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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	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

Course Schedule

Week	Date	Course Contents	Note
1	111/02/21 ~ 111/02/25	Hypothesis Tests	
2	111/02/28 ~ 111/03/04	Public Holiday	
3	111/03/07 ~ 111/03/11	Hypothesis Tests	
4	111/03/14 ~ 111/03/18	Hypothesis Tests	
5	111/03/21 ~ 111/03/25	Inference About Means and Proportions with Two Populations	

6	111/03/28 ~ 111/04/01	Inference About Means and Proportions with Two Populations	
7	111/04/04 ~ 111/04/08	Spring Break	
8	111/04/11 ~ 111/04/15	Inferences About Population Variances	
9	111/04/18 ~ 111/04/22	Inferences About Population Variances	
10	111/04/25 ~ 111/04/29	Midterm Exam Week	
11	111/05/02 ~ 111/05/06	Comparing Multiple Proportions, Test of Independence and Goodness of Fit	
12	111/05/09 ~ 111/05/13	Comparing Multiple Proportions, Test of Independence and Goodness of Fit	
13	111/05/16 ~ 111/05/20	Experimental Design & Analysis of Variance	
14	111/05/23 ~ 111/05/27	Experimental Design & Analysis of Variance	
15	111/05/30 ~ 111/06/03	Experimental Design & Analysis of Variance	
16	111/06/06 ~ 111/06/10	Nonparametric Methods	
17	111/06/13 ~ 111/06/17	Nonparametric Methods	
18	111/06/20 ~ 111/06/24	Final Exam Week	
Requirement		No make-up exam	
Teaching Facility		Computer, Projector, Other (Blackboard)	
Textbooks and Teaching Materials		Statistics for Business and Economics - Anderson, Sweeney, Williams, Camm, Cochran, Fry, and Ohlmann - Metric Version (14th Edition)	
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	<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>
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