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		

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:40.00)

B. Students can demonstrate that they have capability in professional knowledge expression. (ratio:40.00)

C. Students can demonstrate that they have capability in using information technology. (ratio:10.00)

D. Students can demonstrate that they are critical thinkers.(ratio:10.00)

Subject Schoolwide essential virtues

1. A global perspective. (ratio:5.00)

2. Information literacy. (ratio:15.00)

3. A vision for the future. (ratio:5.00)

4. Moral integrity. (ratio:15.00)

5. Independent thinking. (ratio:30.00)

6. A cheerful attitude and healthy lifestyle. (ratio:5.00)

7. A spirit of teamwork and dedication. (ratio:5.00) 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	ABCD	12345678	Lecture, Discussion, Practicum	Testing

Course Schedule

Week	Date	Course Contents	Note
1	112/02/13 ~ 112/02/19	Hypothesis Tests	
2	112/02/20 ~ 112/02/26	Hypothesis Tests	
3	112/02/27 ~ 112/03/05	Public Holiday	
4	112/03/06 ~ 112/03/12	Hypothesis Tests	

5	112/03/13 ~ 112/03/19	Inference About Means and Proportions with Two Populations	
6	112/03/20 ~ 112/03/26	Inference About Means and Proportions with Two Populations	
7	112/03/27 ~ 112/04/02	Inferences About Population Variances	
8	112/04/03 ~ 112/04/09	Spring Break	
9	112/04/10 ~ 112/04/16	Inferences About Population Variances	
10	112/04/17 ~ 112/04/23	Midterm Exam Week	
11	112/04/24 ~ 112/04/30	Comparing Multiple Proportions, Test of Independence and Goodness of Fit	
12	112/05/01 ~ 112/05/07	Comparing Multiple Proportions, Test of Independence and Goodness of Fit	
13	112/05/08 ~ 112/05/14	Experimental Design & Analysis of Variance	
14	112/05/15 ~ 112/05/21	Experimental Design & Analysis of Variance	
15	112/05/22 ~ 112/05/28	Experimental Design & Analysis of Variance	
16	112/05/29 ~ 112/06/04	Nonparametric Methods	
17	112/06/05 ~ 112/06/11	Nonparametric Methods	
18	112/06/12 ~ 112/06/18	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	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 .
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