Tamkang University Academic Year 112, 1st Semester Course Syllabus

Course Title	STATISTICS	Instructor	LEE, YUNG-HSIN
Course Class	TLFBB1B DIVISION OF GLOBAL COMMERCE, DEPARTMENT OF INTERNATIONAL BUSINESS (ENGLISH-TAUGHT PROGRAM), 1B	Details	◆ General Course ◆ Required ◆ 1st Semester
Relevance to SDGs	SDG4 Quality education		

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	This is a one year course for the first year college students in business school. The course will provide students an introductory survey of descriptive and inferential statistics. To illustrate the application of statistics, the course will use many examples and exercises that focus on business applications, but also relate to the current world of the college student.

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	Teaching students apply statistics skill to management.	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	Testing, Study Assignments

Course Schedule

Week	Date	Course Contents	Note
1	112/09/11 ~ 112/09/17	Data and Statistics	
2	112/09/18 ~ 112/09/24	Data and Statistics	
3	112/09/25 ~ 112/10/01	Descriptive Statistics : Tabular and Graphical display	
4	112/10/02 ~ 112/10/08	Descriptive Statistics : Tabular and Graphical display	

5	112/10/09 ~ 112/10/15	Descriptive Statistics: Numerical Measures	
6	112/10/16 ~ 112/10/22	Holiday	
7	112/10/23 ~ 112/10/29	Descriptive Statistics: Numerical Measures	
8	112/10/30 ~ 112/11/05	Time Series Analysis and Forecasting	
9	112/11/06 ~ 112/11/12	Midterm Exam Week	
10	112/11/13 ~ 112/11/19	Sampling and Sampling Distributions	
11	112/11/20 ~ 112/11/26	Sampling and Sampling Distributions	
12	112/11/27 ~ 112/12/03	Sampling and Sampling Distributions	
13	112/12/04 ~ 112/12/10	Interval Estimation	
14	112/12/11 ~ 112/12/17	Interval Estimation	
15	112/12/18 ~ 112/12/24	Interval Estimation	
16	112/12/25 ~ 112/12/31	Index Numbers	
17	113/01/01 ~ 113/01/07	Final Exam Week	
18	113/01/08 ~ 113/01/14	Flex week, learning activities should be arranged.	

Key capabilities	self-directed learning Information Technology Problem solving
Interdisciplinary	STEAM course (S:Science, T:Technology, E:Engineering, M:Math, A field:Integration of Art and Humanist) In addition to teaching content of the teacher's professional field, integrate other subjects or invite experts and scholars in other fields to share knowledge or teaching
Distinctive teaching	USR curriculum
Course Content	Computer programming or Computer language (students have hands-on experience in related projects) Logical Thinking
Requirement	TKU Study Regulations Chapter 6 – Examination and Grades Article 38 If a student' s class absence reaches one-third of the total class hours (in a semester) for a particular course, the course instructor will notify the Office of Academic Affairs, and the student will not be allowed to take part in the remaining course examinations and will receive a semester grade (for that course) of zero.

Textbooks and Teaching Materials	Using teaching materials from other writers:Textbooks
References	
Grading Policy	◆ Attendance： 20.0 % ◆ Mark of Usual：25.0 % ◆ Midterm Exam： 25.0 % ◆ Final Exam： 25.0 % ◆ Other〈Questionnaire〉：5.0 %
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.**