

## Tamkang University Academic Year 110, 2nd 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	<ul style="list-style-type: none"> <li>◆ General Course</li> <li>◆ Required</li> <li>◆ 2nd Semester</li> </ul>
Relevance to SDGs	SDG4 Quality education		
Departmental Aim of Education			
<ul style="list-style-type: none"> <li>I. Acquisition of professional knowledge.</li> <li>II. Learning effective self-planning.</li> <li>III. Theoretical application of practical matters.</li> <li>IV. Interpersonal communication and teamwork.</li> <li>V. Analysis of problems and recommendations.</li> <li>VI. Awareness of Ethics as a global citizen.</li> </ul>			
Subject Departmental core competences			
<ul style="list-style-type: none"> <li>A. Students can demonstrate that they have program basic knowledge of business and management.(ratio:50.00)</li> <li>B. Students can demonstrate that they have capability in professional knowledge expression. (ratio:50.00)</li> </ul>			
Subject Schoolwide essential virtues			
<ul style="list-style-type: none"> <li>5. Independent thinking. (ratio:80.00)</li> <li>8. A sense of aesthetic appreciation. (ratio:20.00)</li> </ul>			

<b>Course Introduction</b>	<p>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.</p>
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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	Testing, Discussion(including classroom and online), Report(including oral and written)

**Course Schedule**

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

5	111/03/21 ~ 111/03/25	Inference About Means and Proportions with Two populations (2); Inference About Population Variances (1)	
6	111/03/28 ~ 111/04/01	Inference About Population Variances (2)	
7	111/04/04 ~ 111/04/08	Holiday	
8	111/04/11 ~ 111/04/15	Comparing Multiple Proportions, Test of Independence and Goodness of Fit (1)	
9	111/04/18 ~ 111/04/22	Comparing Multiple Proportions, Test of Independence and Goodness of Fit (2)	
10	111/04/25 ~ 111/04/29	Midterm Exam Week	
11	111/05/02 ~ 111/05/06	Experimental Design & Analysis of Variance (1)	
12	111/05/09 ~ 111/05/13	Experimental Design & Analysis of Variance (2)	
13	111/05/16 ~ 111/05/20	Experimental Design & Analysis of Variance (3)	
14	111/05/23 ~ 111/05/27	Experimental Design & Analysis of Variance (4)	
15	111/05/30 ~ 111/06/03	Non-parametric Methods (1)	
16	111/06/06 ~ 111/06/10	Non-parametric Methods (2)	
17	111/06/13 ~ 111/06/17	Non-parametric Methods (3)	
18	111/06/20 ~ 111/06/24	Final Exam Week	
Requirement			
Teaching Facility	Projector		
Textbooks and Teaching Materials	Statistics for Business and Economics - Anderson, Sweeney, Williams, Camm and Cochran		
References			
Number of Assignment(s)	(Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : 20.0 %   ◆ Mark of Usual :   %   ◆ Midterm Exam : 40.0 % ◆ Final Exam : 35.0 % ◆ Other (Questionnaire.) : 5.0 %		

Note	<p>This syllabus may be uploaded at the website of Course Syllabus Management System at <a href="http://info.ais.tku.edu.tw/csp">http://info.ais.tku.edu.tw/csp</a> or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at <a href="http://www.acad.tku.edu.tw/CS/main.php">http://www.acad.tku.edu.tw/CS/main.php</a> .</p> <p>※ <b>Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</b></p>
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