

Tamkang University Academic Year 111, 1st Semester Course Syllabus

Course Title	STATISTICS	Instructor	LIN JYH-JIUAN
Course Class	TLBAB1A DEPARTMENT OF BANKING AND FINANCE DIVISION OF GLOBAL FINANCIAL MANAGEMENT (ENGLISH-TAUGHT PROGRAM),	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Required ◆ 1st Semester
Relevance to SDGs	1A SDG4 Quality education		
Departmental Aim of Education			
<ul style="list-style-type: none"> 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			
<ul style="list-style-type: none"> 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			
<ul style="list-style-type: none"> 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

To develop statistical thinking, use real data in applications, use technology for developing a conceptual understanding and for analyzing data.

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	To develop conceptual understanding in statistical thinking, use real data in applications.	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, Practicum, Experience	Testing, Practicum

Course Schedule

Week	Date	Course Contents	Note
1	111/09/05 ~ 111/09/11	Chapter 1: The Nature of Probability and Statistics	
2	111/09/12 ~ 111/09/18	Chapter 2: Frequency Distributions and Graphs	
3	111/09/19 ~ 111/09/25	Chapter 2: Frequency Distributions and Graphs	
4	111/09/26 ~ 111/10/02	Chapter 3: Data Description	

5	111/10/03 ~ 111/10/09	Chapter 3: Data Description	
6	111/10/10 ~ 111/10/16	Chapter 4: Probability and Counting Rules	
7	111/10/17 ~ 111/10/23	Chapter 4: Probability and Counting Rules	
8	111/10/24 ~ 111/10/30	Chapter 5: Discrete Probability Distributions	
9	111/10/31 ~ 111/11/06	Chapter 5: Discrete Probability Distributions	
10	111/11/07 ~ 111/11/13	Midterm Exam Week	
11	111/11/14 ~ 111/11/20	Chapter 6: The Normal Distribution	
12	111/11/21 ~ 111/11/27	Chapter 6: The Normal Distribution	
13	111/11/28 ~ 111/12/04	Chapter 6: The Normal Distribution	
14	111/12/05 ~ 111/12/11	Chapter 6: The Normal Distribution	
15	111/12/12 ~ 111/12/18	Chapter 7: Confidence Intervals and Sample Size	
16	111/12/19 ~ 111/12/25	Chapter 7: Confidence Intervals and Sample Size	
17	111/12/26 ~ 112/01/01	Chapter 7: Confidence Intervals and Sample Size	
18	112/01/02 ~ 112/01/08	Final Exam Week	
Requirement			
Teaching Facility	Computer, Projector		
Textbooks and Teaching Materials	Elementary Statistics : A Brief Version, Bluman (2022 Revised Edition) 2022		
References			
Number of Assignment(s)	(Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : 5.0 % ◆ Mark of Usual : 25.0 % ◆ Midterm Exam : 25.0 % ◆ Final Exam : 30.0 % ◆ Other (practice class) : 15.0 %		

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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