

## Tamkang University Academic Year 109, 2nd Semester Course Syllabus

Course Title	APPLIED STATISTICAL SOFTWARES	Instructor	CHOU, YING-LUNG
Course Class	TQGX B1A DEPARTMENT OF GLOBAL POLITICS AND ECONOMICS (ENGLISH-TAUGHT PROGRAM), 1A	Details	<ul style="list-style-type: none"> <li>◆ General Course</li> <li>◆ Selective</li> <li>◆ One Semester</li> </ul>
Relevance to SDGs	SDG4 Quality education		
<b>Departmental Aim of Education</b>			
To be equipped with a basic knowledge of economics and political science, to develop confidence in communicating professionally and academically in English in matters related to the global political economy; to acquire the capability to conduct further research individually and collectively with others; and ultimately to prepare oneself to become professionals and leaders with a global perspective for the international arena.			
<b>Subject Departmental core competences</b>			
<p>A. Provide essential analytical abilities in the area of politics and economics(ratio:40.00)</p> <p>D. Develop ability to pursue research independently as well as in teams(ratio:60.00)</p>			
<b>Subject Schoolwide essential virtues</b>			
<p>2. Information literacy. (ratio:70.00)</p> <p>5. Independent thinking. (ratio:30.00)</p>			
Course Introduction	Help student to be familiar with the SPSS (Statistical Product and Service Solutions) software.		

**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 be familiar with the SPSS software.	Cognitive

The correspondences of teaching objectives : core competences, essential virtues, teaching methods, and assessment

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	AD	25	Lecture	Testing

**Course Schedule**

Week	Date	Course Contents	Note
1	110/02/22 ~ 110/02/28	Course Introduction	
2	110/03/01 ~ 110/03/07	Introduction of IPM SPSS/ Build Up a Data File	
3	110/03/08 ~ 110/03/14	Basic Syntax of SPSS: variables setting related/ Descriptive Statistics/Figures	
4	110/03/15 ~ 110/03/21	Basic Syntax of SPSS: recode/ Assignment (1)	
5	110/03/22 ~ 110/03/28	Basic Syntax of SPSS: recode/ Assignment (2)	
6	110/03/29 ~ 110/04/04	Spring Break	
7	110/04/05 ~ 110/04/11	Basic Syntax of SPSS: create a new variable/ Assignment (3)	
8	110/04/12 ~ 110/04/18	Combine Data Sets	
9	110/04/19 ~ 110/04/25	Contingency Tables (1)	
10	110/04/26 ~ 110/05/02	Midterm Exam Week	
11	110/05/03 ~ 110/05/09	Review of Midterm Exam	
12	110/05/10 ~ 110/05/16	One Sample T Test	

13	110/05/17 ~ 110/05/23	Independent Samples T test / Assignment (4)	
14	110/05/24 ~ 110/05/30	Contingency Tables (2) / Assignment (5)	
15	110/05/31 ~ 110/06/06	Correlation Analysis & Regression Analysis (1)	
16	110/06/07 ~ 110/06/13	Correlation Analysis & Regression Analysis (2)	
17	110/06/14 ~ 110/06/20	Quiz	
18	110/06/21 ~ 110/06/27	Final Exam Week	
Requirement	According to TKU Study Regulations, 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.		
Teaching Facility	Computer, Projector		
Textbooks and Teaching Materials			
References			
Number of Assignment(s)	5 (Filled in by assignment instructor only)		
Grading Policy	◆ Attendance :           %   ◆ Mark of Usual :           %   ◆ Midterm Exam : 35.0 % ◆ Final Exam :   35.0 % ◆ Other < Assignments > : 30.0 %		
Note	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> . <b>※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</b>		