

## Tamkang University Academic Year 112, 2nd Semester Course Syllabus

Course Title	QUANTITATIVE RESEARCH METHODS	Instructor	CHOU, YING-LUNG
Course Class	TRJXB2A DEPARTMENT OF GLOBAL POLITICS AND ECONOMICS (ENGLISH-TAUGHT PROGRAM), 2A	Details	<ul style="list-style-type: none"> <li>◆ General Course</li> <li>◆ Required</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>			
<ul style="list-style-type: none"> <li>A. Provide essential analytical abilities in the area of politics and economics(ratio:35.00)</li> <li>B. Provide knowledge and skills to understand the current global issues(ratio:5.00)</li> <li>C. Develop a high level of proficiency in verbal and written English required in the course of study and for communication purposes(ratio:10.00)</li> <li>D. Develop ability to pursue research independently as well as in teams(ratio:40.00)</li> <li>E. Provide basic knowledge on Taiwan's political and economic development(ratio:10.00)</li> </ul>			
<b>Subject Schoolwide essential virtues</b>			
<ul style="list-style-type: none"> <li>1. A global perspective. (ratio:10.00)</li> <li>2. Information literacy. (ratio:20.00)</li> <li>3. A vision for the future. (ratio:15.00)</li> <li>4. Moral integrity. (ratio:5.00)</li> <li>5. Independent thinking. (ratio:30.00)</li> <li>6. A cheerful attitude and healthy lifestyle. (ratio:5.00)</li> <li>7. A spirit of teamwork and dedication. (ratio:10.00)</li> <li>8. A sense of aesthetic appreciation. (ratio:5.00)</li> </ul>			

Course Introduction	<p>This course will introduce quantitative research methodology and a basic framework for critically evaluating social and behavioral science research. Students will be exposed to and tested on the major concepts and methods for generating hypotheses and designing a multi-measure study. This course should enable students to do social science quantitative research.</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 exposed to and tested on the major concepts and methods for generation hypotheses and desinging a multi-measure study. This course should enable students to do social science research.	Psychomotor

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	ABCDE	12345678	Lecture, Discussion	Testing, Discussion(including classroom and online), Report(including oral and written)

**Course Schedule**

Week	Date	Course Contents	Note
1	113/02/19~ 113/02/25	Course Introduction/ Basic Understanding of Social Science Research	

2	113/02/26 ~ 113/03/03	Research Design (1)	
3	113/03/04 ~ 113/03/10	Research Design (2)	
4	113/03/11 ~ 113/03/17	Research Design (3)/ Measurement (1)	
5	113/03/18 ~ 113/03/24	Measurement (2)	
6	113/03/25 ~ 113/03/31	Measurement (3)/ Survey Research (1)	
7	113/04/01 ~ 113/04/07	Spring Break	
8	113/04/08 ~ 113/04/14	Survey Research (2)	
9	113/04/15 ~ 113/04/21	Midterm Exam Week	
10	113/04/22 ~ 113/04/28	Review of Midterm Exam; Discussion on Term Paper	
11	113/04/29 ~ 113/05/05	Questionnaire Construction (1)	
12	113/05/06 ~ 113/05/12	Questionnaire Construction (2)	
13	113/05/13 ~ 113/05/19	Sampling (1)	
14	113/05/20 ~ 113/05/26	Sampling (2)	
15	113/05/27 ~ 113/06/02	Experimental Design	
16	113/06/03 ~ 113/06/09	Presentation	
17	113/06/10 ~ 113/06/16	Presentation; Final Exam Week (Date:113/6/11-113/6/17)	
18	113/06/17 ~ 113/06/23	Flex week, learning activities should be arranged.	
Key capabilities			
Interdisciplinary			
Distinctive teaching			

Course Content	Logical Thinking
Requirement	According to Paragraph 2 of Article 38 of the TKU Study Regulations, 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 Name of teaching materials: Earl Babbie. 2016. The Practice of Social Research. (14th ed.) (雙葉書廊代理)
References	
Grading Policy	◆ Attendance : 10.0 %   ◆ Mark of Usual : 10.0 %   ◆ Midterm Exam : 25.0 % ◆ Final Exam : 25.0 % ◆ Other 〈Term Paper〉 : 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>