

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

Course Title	QUANTITATIVE RESEARCH METHODS	Instructor	CHOU, YING-LUNG
Course Class	TQGXB2A 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>			
<p>A. Provide essential analytical abilities in the area of politics and economics(ratio:60.00)</p> <p>D. Develop ability to pursue research independently as well as in teams(ratio:40.00)</p>			
<b>Subject Schoolwide essential virtues</b>			
<p>2. Information literacy. (ratio:30.00)</p> <p>3. A vision for the future. (ratio:20.00)</p> <p>5. Independent thinking. (ratio:50.00)</p>			
Course Introduction	<p>This course will provide an introduction to research methodology and a basic framework to critically evaluate social and behavioral science research. Students will be exposed to and tested on the major concepts and methods for generation hypotheses and designing a multi-measure study. This course should enable students to do social science quantitative research.</p>		

**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 designing 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	AD	235	Lecture, Discussion	Testing, Discussion(including classroom and online), Report(including oral and written)

**Course Schedule**

Week	Date	Course Contents	Note
1	110/02/22 ~ 110/02/28	Course Introduction/ Basic Understanding of Social Science Research	
2	110/03/01 ~ 110/03/07	Research Design (1)	
3	110/03/08 ~ 110/03/14	Research Design (2)	
4	110/03/15 ~ 110/03/21	Measurement (1)	
5	110/03/22 ~ 110/03/28	Measurement (2)	
6	110/03/29 ~ 110/04/04	Spring Break	
7	110/04/05 ~ 110/04/11	Survey Research (1)	
8	110/04/12 ~ 110/04/18	Survey Research (2)	

9	110/04/19 ~ 110/04/25	Questionnaire Construction (1)	
10	110/04/26 ~ 110/05/02	Midterm Exam Week	
11	110/05/03 ~ 110/05/09	Review of Midterm Exam; Discussion on Term Paper	
12	110/05/10 ~ 110/05/16	Questionnaire Construction (2)	
13	110/05/17 ~ 110/05/23	Sampling (1)	
14	110/05/24 ~ 110/05/30	Sampling (2)	
15	110/05/31 ~ 110/06/06	Experimental Design	
16	110/06/07 ~ 110/06/13	Presentation	
17	110/06/14 ~ 110/06/20	Presentation	
18	110/06/21 ~ 110/06/27	Final Exam Week	
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.		
Teaching Facility	Computer, Projector		
Textbooks and Teaching Materials	Earl Babbie. 2016. The Practice of Social Research. (14th ed.) (雙葉書廊代理)		
References			
Number of Assignment(s)	1 (Filled in by assignment instructor only)		
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>		