

Tamkang University Academic Year 113, 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"> ◆ General Course ◆ Required ◆ One Semester ◆ 3 Credits
Relevance to SDGs	SDG4 Quality education		
Departmental Aim of Education			
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.			
Subject Departmental core competences			
<ul style="list-style-type: none"> A. Provide essential analytical abilities in the area of politics and economics(ratio:35.00) B. Provide knowledge and skills to understand the current global issues(ratio:5.00) 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) D. Develop ability to pursue research independently as well as in teams(ratio:40.00) E. Provide basic knowledge on Taiwan's political and economic development(ratio:10.00) 			
Subject Schoolwide essential virtues			
<ul style="list-style-type: none"> 1. A global perspective. (ratio:10.00) 2. Information literacy. (ratio:20.00) 3. A vision for the future. (ratio:15.00) 4. Moral integrity. (ratio:5.00) 5. Independent thinking. (ratio:30.00) 6. A cheerful attitude and healthy lifestyle. (ratio:5.00) 7. A spirit of teamwork and dedication. (ratio:10.00) 8. A sense of aesthetic appreciation. (ratio:5.00) 			

Course Introduction	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 quantitative research on social science.
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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	114/02/17 ~ 114/02/23	Course Introduction/ Basic Understanding of Social Science Research	

2	114/02/24 ~ 114/03/02	Research Design (1)	
3	114/03/03 ~ 114/03/09	Research Design (2)	
4	114/03/10 ~ 114/03/16	Literature Review/ Measurement (1)/Team Building	
5	114/03/17 ~ 114/03/23	Measurement (2)	
6	114/03/24 ~ 114/03/30	Measurement (3)/ Survey Research (1)	
7	114/03/31 ~ 114/04/06	Spring Break	
8	114/04/07 ~ 114/04/13	Survey Research (2)	
9	114/04/14 ~ 114/04/20	Midterm Exam/Midterm Assessment Week (teachers can adjust the week as needed)	
10	114/04/21 ~ 114/04/27	Review of Midterm Exam; Questionnaire Construction (1)	
11	114/04/28 ~ 114/05/04	Questionnaire Construction (2)	
12	114/05/05 ~ 114/05/11	Sampling (1)	
13	114/05/12 ~ 114/05/18	Sampling (2)	
14	114/05/19 ~ 114/05/25	Experimental Design	
15	114/05/26 ~ 114/06/01	Presentation	
16	114/06/02 ~ 114/06/08	Presentation	
17	114/06/09 ~ 114/06/15	Final Exam	
18	114/06/16 ~ 114/06/22	Flexible Teaching Week:Discussion on Term Papers	
Key capabilities			
Interdisciplinary			
Distinctive teaching			

Course Content	Logical Thinking
Requirement	This course is a required course for the Department of Global Politics and Economics, and attendance will be recorded starting from the first class. If you are not on the course registration list at the beginning of the semester but wish to add this course, you must attend from the very first class.
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 : 15.0 % ◆ Midterm Exam : 25.0 % ◆ Final Exam : 15.0 % ◆ Other 〈Term Paper〉 : 35.0 %
Note	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 . ※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.