

Tamkang University Academic Year 111, 2nd Semester Course Syllabus

Course Title	INTRODUCTION TO ECONOMETRICS	Instructor	WEI-HSIU LIN
Course Class	TRJXB3A DEPARTMENT OF GLOBAL POLITICS AND ECONOMICS (ENGLISH-TAUGHT PROGRAM), 3A	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Selective ◆ One Semester
Relevance to SDGs	SDG8 Decent work and economic growth		
D e p a r t m e n t a l A i m o f E d u c a t i o n			
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.			
S u b j e c t D e p a r t m e n t a l c o r e c o m p e t e n c e s			
<ul style="list-style-type: none"> A. Provide essential analytical abilities in the area of politics and economics(ratio:15.00) B. Provide knowledge and skills to understand the current global issues(ratio:15.00) C. Develop a high level of proficiency in verbal and written English required in the course of study and for communication purposes(ratio:20.00) D. Develop ability to pursue research independently as well as in teams(ratio:30.00) E. Provide basic knowledge on Taiwan's political and economic development(ratio:20.00) 			
S u b j e c t S c h o o l w i d e e s s e n t i a l v i r t u e s			
<ul style="list-style-type: none"> 1. A global perspective. (ratio:30.00) 2. Information literacy. (ratio:30.00) 3. A vision for the future. (ratio:10.00) 4. Moral integrity. (ratio:5.00) 5. Independent thinking. (ratio:10.00) 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:5.00) 			

Course Introduction	The purpose of this course is to introduce the basic ideas of Econometrics. Besides ideas of Econometrics, I will conduct EXCEL and some implications.
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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	a.To understand basic concepts of Econometrics. b.To understand the way to collect and organize data. c.To understand the way to analyze data.	Cognitive

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

Course Schedule

Week	Date	Course Contents	Note
1	112/02/13 ~ 112/02/19	Introduction	
2	112/02/20 ~ 112/02/26	The Methods of Econometrics	
3	112/02/27 ~ 112/03/05	Variable and Distribution	
4	112/03/06 ~ 112/03/12	Organizing Data(I)	
5	112/03/13 ~ 112/03/19	Organizing Data(II)	

6	112/03/20 ~ 112/03/26	Holiday	
7	112/03/27 ~ 112/04/02	ANOVA(I)	
8	112/04/03 ~ 112/04/09	ANOVA(II)	
9	112/04/10 ~ 112/04/16	Quiz	
10	112/04/17 ~ 112/04/23	Midterm Exam Week	
11	112/04/24 ~ 112/04/30	Correlation	
12	112/05/01 ~ 112/05/07	The Linear Regression Model(I)	
13	112/05/08 ~ 112/05/14	The Linear Regression Model(II)	
14	112/05/15 ~ 112/05/21	Hypothesis Testing	
15	112/05/22 ~ 112/05/28	Multiple Regression(I)	
16	112/05/29 ~ 112/06/04	Multiple Regression(II)	
17	112/06/05 ~ 112/06/11	Quiz	
18	112/06/12 ~ 112/06/18	Final Exam Week	
Requirement			
Teaching Facility	Projector		
Textbooks and Teaching Materials	1. Essentials of Econometrics. Damodar N. Gujarati & Dawn C. Porter. 2010.		
References			
Number of Assignment(s)	2 (Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : 20.0 % ◆ Mark of Usual : 20.0 % ◆ Midterm Exam : 30.0 % ◆ Final Exam : 30.0 % ◆ Other () : %		
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.		