Tamkang University Academic Year 107, 2nd Semester Course Syllabus

Course Title	APPLIED ECONOMIC ANALYSIS		Instructor	HSIEH CHIH-JOU
Course Class	TLFBB3A DIVISION OF GLOBAL COMMERCE, DEPARTMENT OF INTERNATIONAL BUSINESS (ENGLISH-TAUGHT PROGRAM), 3A		Details	◆ Selective ◆ One Semester ◆ 3 Credits

Departmental Aim of Education

Ⅰ. To instill the university motto of "Simplicity, Firmness, Perseverance, and Fulfillment" into students.

Ⅱ. By integrating the "Five Disciplines" of education, the qualities of conduct, intelligence, physical education, teamwork, and beauty into the professional, core, and extracurricular curriculum, the department helps to produce well-rounded students skilled in identifying and solving problems.

Ⅲ. To oversee the trend and foresee the development of global economy, the department aims to produce the graduates with expertise in the fields of International Business and Trade.

Departmental core competences

A. Breeding professionals with expertise in general International Trade and International Business.

B. Consisting of Globalization, Information-Oriented and Future-Oriented education.

C. Producing graduates with capability of foreseeing and analyzing the development of Global Economy.

D. Breeding professionals with expertise in Marketing and Financial Management.

Course Introduction	The purpose of this course is to apply the concepts of Econometrics to real-world problems, therefore, the focus is on understanding concepts, analyzing data, interpreting results and checking assumptions in light of actual empirical applications.

The Relevance among Teaching Objectives, Objective Levels and Departmental core competences

I.Objective Levels (select applicable ones) :
  (i) Cognitive Domain   : C1-Remembering,   C2-Understanding,   C3-Applying,
                            C4-Analyzing,   C5-Evaluating,   C6-Creating
  (ii) Psychomotor Domain : P1-Imitation,   P2-Mechanism,   P3-Independent Operation,
                            P4-Linked Operation, P5-Automation,   P6-Origination
  (iii) Affective Domain : A1-Receiving,   A2-Responding,   A3-Valuing,
                            A4-Organizing,   A5-Charaterizing,   A6-Implementing

II.The Relevance among Teaching Objectives, Objective Levels and Departmental core competences :
  (i) Determine the objective level(s) in any one of the three learning domains (cognitive,
      psychomotor, and affective) corresponding to the teaching objective. Each objective should
      correspond to the objective level(s) of ONLY ONE of the three domains.
  (ii) If more than one objective levels are applicable for each learning domain, select the
      highest one only. (For example, if the objective levels for Cognitive Domain include
      C3,C5,and C6, select C6 only and fill it in the boxes below. The same rule applies to
      Psychomotor Domain and Affective Domain.)
  (iii) Determine the Departmental core competences that correspond to each teaching objective.
      Each objective may correspond to one or more Departmental core competences at a time.
      (For example, if one objective corresponds to three Departmental core competences: A,AD,
      and BEF, list all of the three in the box.)

No.	Teaching Objectives	Relevance	
		Objective Levels	Departmental core competences
1	Students will be able to understand, analyze, interpret and report basic research results.	C4	BC

Teaching Objectives, Teaching Methods and Assessment

No.	Teaching Objectives	Teaching Methods	Assessment
1	Students will be able to understand, analyze, interpret and report basic research results.	Lecture, Discussion, Problem solving	Written test

This course has been designed to cultivate the following essential qualities in TKU students	
Essential Qualities of TKU Students	Description
◇ A global perspective	Helping students develop a broader perspective from which to understand international affairs and global development.
◆ Information literacy	Becoming adept at using information technology and learning the proper way to process information.
◇ A vision for the future	Understanding self-growth, social change, and technological development so as to gain the skills necessary to bring about one's future vision.
◇ Moral integrity	Learning how to interact with others, practicing empathy and caring for others, and constructing moral principles with which to solve ethical problems.
◆ Independent thinking	Encouraging students to keenly observe and seek out the source of their problems, and to think logically and critically.
◇ A cheerful attitude and healthy lifestyle	Raising an awareness of the fine balance between one's body and soul and the environment; helping students live a meaningful life.
◇ A spirit of teamwork and dedication	Improving one's ability to communicate and cooperate so as to integrate resources, collaborate with others, and solve problems.
◇ A sense of aesthetic appreciation	Equipping students with the ability to sense and appreciate aesthetic beauty, to express themselves clearly, and to enjoy the creative process.

Course Schedule

Week	Date	Subject/Topics	Note
1	108/02/18 ~ 108/02/24	More on Specification and Data Issues	
2	108/02/25 ~ 108/03/03	More on Specification and Data Issues	
3	108/03/04 ~ 108/03/10	More on Specification and Data Issues	
4	108/03/11 ~ 108/03/17	Basic Regression Analysis with Time Series Data	
5	108/03/18 ~ 108/03/24	Basic Regression Analysis with Time Series Data	
6	108/03/25 ~ 108/03/31	Basic Regression Analysis with Time Series Data	
7	108/04/01 ~ 108/04/07	Spring Break	
8	108/04/08 ~ 108/04/14	Further Issues in Using OLS with Time Series Data	
9	108/04/15 ~ 108/04/21	Further Issues in Using OLS with Time Series Data	
10	108/04/22 ~ 108/04/28	Midterm Exam Week	
11	108/04/29 ~ 108/05/05	Serial Correlation and Heteroskedasticity in Time Series Regressions	
12	108/05/06 ~ 108/05/12	Serial Correlation and Heteroskedasticity in Time Series Regressions	

13	108/05/13 ~ 108/05/19	Serial Correlation and Heteroskedasticity in Time Series Regressions	
14	108/05/20 ~ 108/05/26	Pooling Cross Sections across Time: Simple Panel Data Methods	
15	108/05/27 ~ 108/06/02	Pooling Cross Sections across Time: Simple Panel Data Methods	
16	108/06/03 ~ 108/06/09	Advanced Panel Data Methods	
17	108/06/10 ~ 108/06/16	Advanced Panel Data Methods	
18	108/06/17 ~ 108/06/23	Final Exam Week	

Requirement	
Teaching Facility	Computer, Projector, Other (Blackboard)
Textbook(s)	Introductory Econometrics — A Modern Approach, Wooldridge
Reference(s)	
Number of Assignment(s)	(Filled in by assignment instructor only)
Grading Policy	◆ Attendance： % ◆ Mark of Usual： % ◆ Midterm Exam： 50.0 % ◆ Final Exam： 50.0 % ◆ 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.**