

Tamkang University Academic Year 108, 1st Semester Course Syllabus

Course Title	ENERGY POLICY AND MANAGEMENT	Instructor	LIAO HUEI-CHU
Course Class	TLYAM2A MASTER'S PROGRAM IN ECONOMICS AND FINANCE, DEPARTMENT OF ECONOMICS, 2A	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Selective ◆ One Semester
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			
<p>I . Establish a strong core foundation and enhance advanced specialized skills.</p> <p>II. Encourage active thinking and cultivate independent analysis.</p> <p>III. Creatively apply specialized knowledge and skills to practical issues.</p> <p>IV. Emphasize the development of group communication, coordination and cooperation.</p> <p>V . Shape an international perspective and civic consciousness.</p>			
Subject Departmental core competences			
<p>A. Have a firm grasp of advanced economic concepts.(ratio:50.00)</p> <p>E. Understand and be able to analyze international economic affairs and trends.(ratio:50.00)</p>			
Subject Schoolwide essential virtues			
<p>1. A global perspective. (ratio:50.00)</p> <p>5. Independent thinking. (ratio:50.00)</p>			
Course Introduction	<p>Focusing on the new trend of international energy development, this course analyze the problem of each traditional energy: oil, coal, gas, electricity and renewable energy. While, several hot issues of energy policy, energy and environment, and the climate change resulted from the more fossil energy use are also arranged in the final part.</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	C5	Cognitive

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	AE	15	Lecture	Testing, Report(including oral and written)

Course Schedule

Week	Date	Course Contents	Note
1	108/09/09 ~ 108/09/15	Basic Concepts in Energy Economics	
2	108/09/16 ~ 108/09/22	Traditional Energy: oil	
3	108/09/23 ~ 108/09/29	Traditional Energy: coal	
4	108/09/30 ~ 108/10/06	Traditional Energy: gas and others	
5	108/10/07 ~ 108/10/13	Electricity: thermal energy	
6	108/10/14 ~ 108/10/20	Electricity: nuclear	
7	108/10/21 ~ 108/10/27	New and Renewable Energy: wind	
8	108/10/28 ~ 108/11/03	New and Renewable Energy: solar	
9	108/11/04 ~ 108/11/10	New and Renewable Energy: liquid biomass	
10	108/11/11 ~ 108/11/17	Mid-term Exam	
11	108/11/18 ~ 108/11/24	New and Renewable Energy: solid biomass and others	
12	108/11/25 ~ 108/12/01	New and Renewable Energy: ocean energy and others	
13	108/12/02 ~ 108/12/08	Energy and Environment: energy and CO2 emission	

14	108/12/09 ~ 108/12/15	Energy and Environment: ETS, CDM and JI	
15	108/12/16 ~ 108/12/22	Energy and Environment: climate change	
16	108/12/23 ~ 108/12/29	Energy Policy	
17	108/12/30 ~ 109/01/05	Energy Security	
18	109/01/06 ~ 109/01/12	Final Exam	
Requirement			
Teaching Facility	Computer		
Textbooks and Teaching Materials	CLASS NOTES IN WEBSITE		
References	Papers from Journals, e.g. Energy Journal, Energy Economics, Energy Policy, Energy,... etc.		
Number of Assignment(s)	(Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : 20.0 % ◆ Mark of Usual : % ◆ Midterm Exam : 40.0 % ◆ Final Exam : 40.0 % ◆ 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.		