

## APPLICATION FOR NEW COURSE

1. Submitted by the College of Graduate School Date: December 4, 2008

Department/Division proposing course: Patterson School of Diplomacy and International Commerce

2. Proposed designation and Bulletin description of this course:

a. Prefix and Number DIP 735

b. Title\* Energy Security

\*If title is longer than 24 characters, offer a sensible title of 24 characters or less: \_\_\_\_\_

c. Courses must be described by at least one of the categories below. Include number of actual contact hours per week.

CLINICAL     COLLOQUIUM     DISCUSSION     LABORATORY     LECTURE  
 INDEPEND. STUDY     PRACTICUM     RECITATION     RESEARCH     RESIDENCY  
 SEMINAR     STUDIO     OTHER – Please explain: \_\_\_\_\_

d. Please choose a grading system:  Letter (A, B, C, etc.)     Pass/Fail

e. Number of credit hours: 3

f. Is this course repeatable?    YES     NO     If YES, maximum number of credit hours: \_\_\_\_\_

g. Course description:

This course uses the tools of economic analysis and economic statecraft to examine energy security. It will look at the connection between energy and the economy in both the US and other states and the connections between energy and military security and power. It will include a detailed review of the US energy economy, the international energy market, the economies of the major Middle Eastern states, and the Russian economy. At the end of the course each student will understand the history of energy security, be aware of the data sources for current policy analysis, be able to use the relevant tools of economic analysis including econometrics, and be familiar with the energy security policy debate both in the United States and in key foreign countries.

h. Prerequisite(s), if any:

DIP 740 or ECON 672 or at least two semesters of undergraduate economic theory with grades of B or better. DIP 720 (Economic Statecraft) and DIP 750 (Defense Statecraft) recommended.

i. Will this course also be offered through Distance Learning?    YES     NO

If YES, please check one of the methods below that reflects how the majority of the course content will be delivered:

Internet/Web-based

Interactive video

Extended campus

3. Supplementary teaching component:  N/A or  Community-Based Experience  Service Learning  Both

JAN 13 2009

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4. To be cross-listed as: \_\_\_\_\_ / \_\_\_\_\_  
Prefix and Number                      printed name                      Cross-listing Department Chair                      signature

5. Requested effective date (term/year): Fall / 2009

6. Course to be offered (please check all that apply):  Fall       Spring       Summer

7. Will the course be offered every year?                       YES       NO

If NO, please explain: This class will alternate with DIP 740--Globalization

8. Why is this course needed?

This course will present an overview of a timely national security issue that is not well covered in other UK classes. It is important that Patterson School students applying for jobs in the national security community be trained in this sub-field. This course will also offer an in depth examination of the structure of the Russian economy and of economic development in the Middle East. In alternate years, Patterson School students taking DIP 740 will focus on economic development in Africa and Latin America.

9. a. By whom will the course be taught? Dr. Evan Hillebrand

b. Are facilities for teaching the course now available?                       YES       NO

If NO, what plans have been made for providing them?

10. What yearly enrollment may be reasonably anticipated?

20

11. a. Will this course serve students primarily within the department?                       Yes       No

b. Will it be of interest to a significant number of students outside the department?                       YES       NO

If YES, please explain.

Graduate students in the economics and political science department may find this class useful.

12. Will the course serve as a University Studies Program course<sup>†</sup>?                       YES       NO

If YES, under what Area? \_\_\_\_\_

<sup>†</sup>AS OF SPRING 2007, THERE IS A MORATORIUM ON APPROVAL OF NEW COURSES FOR USP.

13. Check the category most applicable to this course:

traditional – offered in corresponding departments at universities elsewhere

relatively new – now being widely established

not yet to be found in many (or any) other universities

14. Is this course applicable to the requirements for at least one degree or certificate at UK?                       Yes       No

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15. Is this course part of a proposed new program?  YES  NO  
 If YES, please name: \_\_\_\_\_


16. Will adding this course change the degree requirements for ANY program on campus?  YES  NO  
 If YES<sup>‡</sup>, list below the programs that will require this course:  
 \_\_\_\_\_  
 \_\_\_\_\_

<sup>‡</sup>In order to change the program(s), a program change form(s) must also be submitted.

17.  The major teaching objectives of the proposed course, syllabus and/or reference list to be used are attached.
18.  Check box if course is 400G or 500. If the course is 400G- or 500-level, *you must include a syllabus showing differentiation for undergraduate and graduate students by (i) requiring additional assignments by the graduate students; and/or (ii) the establishment of different grading criteria in the course for graduate students. (See SR 3.1.4)*
19. Within the department, who should be contacted for further information about the proposed new course?

Name: Evan Hillebrand Phone: 257-6928 Email: ehill2@uky.edu

20. Signatures to report approvals:

0 JAN 2009 DATE of Approval by Department Faculty	CAREY CAVANAUGH printed name	 Reported by Department Chair	signature
DATE of Approval by College Faculty	/ printed name	Reported by College Dean	signature
* DATE of Approval by Undergraduate Council	/ printed name	Reported by Undergraduate Council Chair	signature
* DATE of Approval by Graduate Council	/ printed name	Reported by Graduate Council Chair	signature
* DATE of Approval by Health Care Colleges Council (HCCC)	/ printed name	Reported by Health Care Colleges Council Chair	signature
* DATE of Approval by Senate Council	Reported by Office of the Senate Council		
* DATE of Approval by University Senate	Reported by Office of the Senate Council		

\*If applicable, as provided by the *University Senate Rules*. (<http://www.uky.edu/USC/New/RulesandRegulationsMain.htm>)

# Energy Security (DIP 735)

Fall, 2009

Version: Dec 4, 2008

Evan Hillebrand  
Patterson Tower 459  
ehill2@uky.edu

Meeting Time: ?

Offices Hours: ?

This course uses the tools of economic analysis and economic statecraft to examine energy security. It will look at the connection between energy and the economy in both the US and other states, and the connections between energy and military security and power. It will include a detailed review of the US energy economy, the international energy market, the economies of the major Middle Eastern states, and the Russian economy. At the end of the course each student will understand the history of energy security, be aware of the data sources for current policy analysis, be able to use the relevant tools of economic analysis including econometrics, and be familiar with the energy security policy debate both in the United States and in key foreign countries.

Prerequisite: DIP 740 or ECON 672 or at least two semesters of undergraduate economic theory with grades of B or better. DIP 720 (Economic Statecraft) and DIP 750 (Defense Statecraft) recommended.

**Format:** The class will be taught primarily through lectures and class discussions, although it will also include some instruction in the use of formal economic and statistical tools. Students should be fully prepared to participate in every class, which includes having done the readings ahead of time.

Each student will be expected to read *The Economist* magazine and the *Financial Times* regularly and be prepared to discuss the statecraft implications from relevant current articles.

Any student with a disability who is taking this course and needs classroom or exam accommodations should contact the Disability Resource Center, 257-2754, room 2 Alumni Gym, [jkarnes@uky.edu](mailto:jkarnes@uky.edu).

**Grading:** Grading will be based on class participation and homework (15%), two midterm exams (30% each), a 5-6 page research paper/take home final (25%).

## Readings:

The main texts will be:

Jan Kalicki and David Goldwyn, eds. *Energy Security*, Baltimore: Johns Hopkins Press, 2005

Daniel Yergin, *The Prize*, New York: Simon and Schuster, 1991

Marcus Noland and Howard Pack, *The Arab Economies in a Changing World*, Washington DC: Peterson Institute for International Economics, 2007

Clifton Gaddy and Barry Ickes, *The Political Economy of Resource Addiction*,  
Washington DC: Brookings Institution, 2008

*The Economist* magazine and the *Financial Times* are available in the Van Room. They are also available on line and through the Young Library. You should also access to an international economics textbook such as Krugman and Obstfeld's, *International Economics, Theory and Policy (7<sup>th</sup> edition)*, and a statistics/econometrics text such as Gary Koop's *Analysis of Economic Data*.

Lecture Outline:

1. Overview of Energy Economics and Energy Security
2. History of Global Energy 1 – The Prize
3. History of Global Energy 2 – The Prize and updates
4. Energy Security 1 – The modern debate (Rob lead ?)
5. Middle East Economics 1 – Noland and Pack
6. Middle East Economics 2 – Noland and Pack
7. Russian Economics 1 -- Gaddy and Ickes
8. Russian Economics 2 – Gaddy and Ickes
- 9 The Caspian Region and Pipeline Politics
10. Other OPEC producers—Venezuela, Indonesia, Nigeria
11. The impact of rapid Asian economic development
12. Other Fuels and Technological Futures
13. Resource Wars and Market Fundamentalism
14. Energy Security 2 – The debate reconsidered