

Naval Postgraduate School  
National Security Affairs  
Energy Security

Dr. Robert Looney  
Fall Term 2013  
NS4053

Office Glasgow 305  
Office Hours MW 9-9:45, TuTh, 10-10:45  
and by appointment [relooney@nps.edu](mailto:relooney@nps.edu)  
Class Webpage: <http://relooney.fatcow.com>

## OUTLINE

### Texts

Carlos Pascual and Jonathan Elkind, eds, Energy Security: Economics, Politics, Strategies, and Implications, Brookings, 2010. (PE)

Daniel Yergin, The Quest, Energy, Security and the Remaking of the Modern World, Penguin Press, 2011. (DY)

### Supplemental

Robert Looney, editor, Handbook of Oil Politics, Routledge, 2012 (HOP)

Michael Levi, the Power Surge: Energy, Opportunity and the Battle for America's Future, Oxford University Press, 2013 (PS)

Gal Luft and Anne Korin, eds, Energy Security Challenges for the 21<sup>st</sup> Century: A Reference Handbook, Praeger, 2009 (ESC)

**Class Objective:** Develop a framework for understanding the critical aspects of energy security as it pertains to the United States and other parts of the world

## ASSIGNMENTS

### Week 1, Week of July 30

Introduction, Concepts of Energy Security/Energy Independence  
Daniel Yergin, The Quest, prologue

Carlos Pascual and Evie Zambetakis, Chapter I in PE, The Geopolitics of Energy: From Security to Survival  
Pietro Nivola, Making Sense of Energy Independence, Chapter 5 in PE,  
Readings on Class Webpage/Sakai

Week 2, Week of October 7

Energy Markets

Daniel Yergin, The Quest, Chapters 4, 6, 7,,8  
Ann Florini, Global Governance and Energy, Ch 7 in Pe  
Class Webpage/Sakai

Week 3, Week of October 14 (class on the 15<sup>th</sup> and 16<sup>th</sup>)

Geopolitics of Energy/Energy Supply Factors

Daniel Yergin, The Quest, Chapters 11, 12, 13, 14, 15, 16  
Class Webpage/Sakai

Week 4, Week of October 21

Current Debates in Energy/Climate Change/Nuclear

Jason Bordoff et. al., Understanding the Interaction between Energy Security and Climate Change Policy, Ch 9 in PE  
Daniel Yergin, The Quest, Chapters 21, 22, 23, 24, 25, 26  
Daniel Yergin, The Quest, Chapters 17, 18, 19, 20  
Class Webpage/Sakai

Week 5, Week of October 28

Resource Curse/Resource Nationalization

Class Webpage/Sakai

Week 6, Week of November 4

Middle East/Africa

Suzanne Maloney, Energy Security in the Persian Gulf: Opportunities and Challenges, Chapter 2 in PE  
Michael O'Hanlon, How Much Does the United States Spend Protecting Persian Gulf Oil? Chapter 3 in PE  
Class Webpage/Sakai

Week 7, Week of November 11 (Just one class)

Europe/Russia/Central/Asia

Daniel Yergin, *The Quest*, Chapters 1, 2, 3

Class Webpage/Sakai

Week 8, Week of November 18

China/Japan/India

Erica Downs, *Who's Afraid of China's Oil Companies*, Ch 3 in PE

Daniel Yergin, *The Quest*, Chapters 9, 10

Class Webpage/Sakai

Week 9, Week of November 25

US/Canada/Mexico/Latin America

Daniel Yergin, *The Quest*, Chapters 5

Class Webpage/Sakai

Week 10, Week of December 2

Summing Up/Implications for U.S. Security

Daniel Yergin, *The Quest*, Chapters 33, 34 35, Conclusion

Jonathan Elkind, *Energy Security: Call for a Broader Agenda*, Ch6  
in PE

Class Webpage/Sakai

Week 11, Week of December 9

Class Project Presentations

**Grading and Related Policies**

Requirements. Your course grade will be based on these components:

Class participation 15% of course grade

The best way to achieve full marks for class participation is to read the assigned readings and come prepared to ask questions during course meetings.

Present key reading and lead class discussion 15% of course grade. Each student will present one of the assigned readings and lead the class discussion – about half an hour each. Will start in Week 3

Team briefing book and final briefing 35% of course grade

Course participants will be organized into four or five teams to conduct focused research on various energy security policy issues facing the United States. The goal of the team project will be to prepare a 20 minute briefing (no more than 10 slides) and a briefing book that examines an energy security policy question of interagency concern to the US government.

The briefing book will consist of a 2 page policy memo prepared by the team addressing the overall policy issue and recommending a course of action, individual policy papers prepared by team members to study different aspects of the policy issue in greater depth, and other supporting documents as determined by the team. The notional audience that such a briefing and briefing book should address is a newly formed Interagency Policy Committee (IPC) on Energy Security.

For further information on policy memo writing and on IPCs and their role in the interagency process, please check the Memo Writing folder on the Sakai website for this course.

Individual policy paper 35% of course grade

Each course participant will write a 10 page policy memo (including endnotes) as a contribution to their team briefing book. A suggested format can be found at the end of the Musso, Biller and Byrtle article that is located in the Memo Writing folder of the Sakai website for this course.

### **Guidelines for written assignments**

- Written assignments should be double-spaced, with 12-point Times Roman font and 1-inch margins. The two page policy memo for the briefing book does not need to use endnotes or footnotes, but it should contain supporting evidence. The 10 page individual policy papers should use endnotes as per the normal Chicago Manual of Style.