This course will analyze the political economy of the global energy industry and markets. The themes will revolve around the complex interaction between the economics and geopolitics of energy markets, the quest for energy security, and the challenges of achieving sustainable energy development. The course will begin with an introduction to the basic elements of energy production, consumption, and transportation, followed by a survey of the functioning of the global energy markets, industry, and investments. Particular emphasis will be placed on the oil industry due its pivotal role in global energy use, pricing, and geopolitics. The course will then turn to the concept of energy security and the geopolitics of energy policy in today’s highly politicized, volatile energy markets. The focus will then turn to a survey of the nexus between energy and the environment, the concept of a sustainable energy development, and the political economy of carbon emissions and climate change.

The majority of the course will focus on developing a more in-depth understanding of these themes through an examination of the major countries, regions, institutions, and political and economic forces in today’s world energy scene, including the U.S., Europe and Japan, OPEC and the major oil producing countries, China and developing Asia, Russia and Eurasia, and Latin America.

The course textbooks are *Energy & Security: Strategies for a World in Transition*, Jan Kalicki and David Goldwyn, eds., (2nd Edition 2013), and *The Quest* by Dan Yergin, both available at the bookstore. Readings will be from the course textbooks, articles, and reports available on the web or through the UCSD Library databases. I will post some readings in the class folder on TED.

The class will be run as a graduate seminar, made up of a mix of lectures and class discussions. Grades will be based on written work and class participation. Students are expected to do the assigned readings prior to class, *keep current on major energy issues in the news*, attend all classes and participate in class discussions. Each student will be required to make one 5-7 minute presentation in class during the quarter based on the readings for that week and questions posed by the instructor.

A final project will be a research paper - an analysis of a key energy geopolitics, energy security, or energy policy issue in the Asia-Pacific region (5,000 words – roughly 20 pages). Depending on the size of the class, it will be a team project or individual research paper. Students or groups will make presentations during the last class, all students are expected to be part of their group’s presentation. You will need the approval of the instructor for your proposed topic.
The paper will account for 60% or your grade and the article presentation and class participation in discussions will be 40%. Attendance is mandatory and absences will require complete explanations and I must be notified in advance. All papers must be turned in through Turnitin service.

January 13: Introduction: fundamentals of the energy industry, markets, investment, and energy policy


Kalicki and Goldwyn, Chapters 3,4,5,6, pp. 88-164.
Robin Mills, Risky Routes: Energy Transit in the Middle East, Brookings Doha Center Analysis Paper No. 17 (April 2016).
**John Mitchell, More for Asia: Rebalancing World Oil and Gas, Chatham House (December 2010).

January 27: The Energy/Environment Nexus

Kalicki and Goldwyn, Chapter 21, pp. 483-498.

February 3: The US, Canada, and Mexico: U.S. - the global energy superpower

Kalicki and Goldwyn, Part V, Chapters 15 (Neff and LaRose), Chapter 16 (McLarty), Commentary (Foss).
**Adrian Lajous, Mexican Energy Reform, Center on Global Energy Policy (June 2014).

February 10: OPEC, the Middle East, and the producing countries: the global oil balance wheel

Kalicki and Goldwyn, Part III, Chapters 10 (West and Alkadiri), 11 (Mohamedi), 12 (Niekirk and Sayne), Commentary (Al-Attiyah).
February 17: Japan, China, India, and Asia: the new center of global energy demand

Kalicki and Goldwyn, Part IV, Chapters 13 (Jaffe and Medlock) and 14 (Herberg).
**John W. Garver, China and Iran: An Emerging Partnership Post-Sanctions, Middle East Institute Policy Focus 2016-3 (February 2016).

February 24: Russia and Central Asia

Kalicki and Goldwyn, Chapter 8 (Nanay and Kalicki).
**Tatiana Mitrova, Shifting Political Economy of Russian Oil and Gas, CSIS Energy and National Security Program (March 2016).
**Fiona Hill and Bobo Lo, “Putin’s Pivot: Why Russia is Looking East”, Foreign Affairs (July 31, 2013).

March 3: Europe: energy security, reliance on Russia, pipeline geopolitics

Kalicki and Goldwyn, Chapter 7 (Noel)

March 10: Latin America and Africa

Kalicki and Goldwyn, Part V, Chapter 16 (McLarty), Commentary (Foss).
**Michelle Billig, “The Venezuelan Oil Crisis”, Foreign Affairs, (September/October 2004).
**Aaron Sayne and Aubrey Hruby, Nigeria’s Oil Revenue Crunch, Atlantic Council Issue Brief (January 2016).

March 17: Conclusions and Wrap-up


March 23 – 5:00 pm PST: Final Paper Due to “Turnitin”