



Course Code OGEE-530	Course Title Energy Security and Geopolitics	ECTS Credits 7.5
Prerequisites None	Department Engineering	Semester Fall, Spring
Type of Course Elective	Field Oil, Gas and Energy Engineering	Language of Instruction English
Level of Course 2 nd Cycle	Lecturer(s) Dr Theodoros Tsakiris	Year of Study 1 st
Mode of Delivery Face-to-face	Work Placement N/A	Co-requisites None

Objectives of the Course:

The main objectives of the course are to:

- provide the student with a comprehensive understanding of the interplay between energy, and in particular its hydrocarbon sector, with the foreign and security policies of state actors and international organizations

Learning Outcomes:

After completion of the course students are expected to be able to:

1. Comprehend the dynamic definition of energy security over the 20th and early 21st century, analyze its different types and assess the role and particular requirements of each state actor in the international energy system.
2. Understand the way in which the security of oil & gas supply/demand shapes the foreign and security policies of great powers, regional players, and international organizations.
3. Evaluate the interplay between the multinational oil & gas companies and the respective host governments which own the oil & gas reserves.
4. Understand the ways in which the access to oil & gas resources/reserves has provoked and may provoke interstate and intra-state conflict.

Course Contents:

- Definition and types (supply, demand, transit, infrastructure) of energy security
- Oil and War mobilization before and during WWI
- The impact of oil security on the outcome of two world wars
- Oil security, NATO and the Marshall Plan
- Oil Security and Decolonization in the Middle East and North Africa
- The emergence of O.P.E.C.
- The oil crises of the 1950, 60s and 70s

- The establishment of the I.E.A.
- Soviet Oil & Gas Exports and the division of NATO
- The Iran-Iraq War and the Islamic Revolution
- The Oil Crisis of 1990-1991 and the U.S. military presence in the Persian Gulf. Oil & Gas Geopolitics in Post-Soviet Central Asia, the Caspian Sea and the Black Sea
- Oil/Gas Security and International Terrorism
- U.S. military interventions in Iraq & Afghanistan. Europe's Natural Gas Crises in the Post-Cold War Era
- The impact of the Arab Spring on international oil & gas security
- Oil & Gas Considerations in the Foreign and Security Policies of the U.S., Russia, China, Japan and the European Union
- The Geopolitics of Oil & Gas in the Eastern Mediterranean

Learning Activities and Teaching Methods:

Lectures, In-class exercises, In-class discussions and homework

Assessment Methods:

Assignments, mid-term exam, final exam

Required Textbooks / Reading:

Title	Author(s)	Publisher	Year	ISBN
Energy and Security: Toward a New Foreign Policy Strategy	Yan H. Kalicki & David Goldwyn (eds.)	Woodrow Wilson Center Press	2005	

Recommended Textbooks / Reading:

Title	Author(s)	Publisher	Year	ISBN
Energy and National Security in the 21 st Century	Partick Clawson (ed.)	National Defense University Press	1995	
The Quest: Energy, Security and the Remaking of the Modern World	Daniel Yergin	Penguin Books	2011	

Ethan Kapstein	The Insecure Alliance: Energy Crises and Western Politics since 1944	Oxford University Press	1990	
Walter Levy, (ed. by Conant, Melvin)	Oil Strategy and Politics, 1941-1981	Westview Press	1982	
William Stivers	Supremacy and Oil: Iraq, Turkey, and the Anglo-American World Order, 1918-1930	Cornell University Press	1982	