

Nuclear Nonproliferation and Security in the 21st Century

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This course will examine the major international security challenges facing the world today. It will use both empirical and theoretical materials to study the evolution of these challenges, from the cold war to the present day. The course will discuss the challenge that ballistic missile and nuclear proliferation poses to the stability of the international system and will include an analysis of Israel's nuclear policy, the Iran nuclear weapons program, the conflict between India and Pakistan and the situation on the Korean Peninsula. There will also be an examination of arms control efforts in the Middle East. The course is designed to enable students to gain a more comprehensive understanding of the fast-paced developments in the field of international security. The course will include guest lecturers, the screening of films to illustrate the themes under examination and interactive class discussions.

Grade Composition:

Full attendance is required

25% - Course participation

25% - Mid-term multiple choice examination

50% - Final paper

Course Outline and Reading List

Lesson One - Introduction: Course Overview: Nuclear Nonproliferation and Security

Readings:

Andrew Futter, "The Politics of Nuclear Weapons", (Sage: London, 2015), pp.13-25

Lesson Two: Nuclear Deterrence – Lessons from the Cold War

Readings:

Andrew Futter, “The Politics of Nuclear Weapons”, (Sage: London, 2015), pp.70-84

Graham Allison, “The Cuban Missile Crisis at 50”, *Foreign Affairs*, July/August 2012

* Bernard Brodie, “The Anatomy of Deterrence”, *World Politics*, Vol. 11, No. 2 (Jan., 1959), pp. 173-191

Lesson Three: The Changing International System and its Impact on Nuclear Proliferation

Readings:

Y. Evron, “Changes in the International System and their Impact on Proliferation”, *The Nuclear Nonproliferation Regime at a Crossroads*, Emily B. Landau and Azriel Bermant (eds), 2014, INSS Memorandum No.137, pp.135-144

John Mueller, “Nuclear Weapons Don’t Matter But Nuclear Hysteria Does”, *Foreign Affairs*, October 2018

*John Mearsheimer, “Why We Will Soon Miss the Cold War”, *The Atlantic*, August 1990

* John Mearsheimer, “Back to the Future: Instability in Europe After the Cold War”, *International Security*, Volume 15, Number 1, Summer 1990, pp. 5-56

Lesson Four: The United States, NATO and Russia

Readings:

George P. Shultz, William J. Perry, Henry A. Kissinger and Sam Nunn, “Deterrence in the Age of Nuclear Proliferation”, *The Wall Street Journal*, 7 March 2011

*Strobe Talbott, ‘U.S.-Russia arms control was possible once—is it possible still?’, Brookings Institution, December 12, 2017

<https://www.brookings.edu/blog/order-from-chaos/2017/12/12/u-s-russia-arms-control-was-possible-once-is-it-possible-still/>

*John Lewis Gaddis, “The Cold War”, (Penguin Books: London), pp.195-237

* Matthew Kroenig & Walter B. Slocombe, "Why Nuclear Deterrence Still Matters to NATO", *Issue Brief*, Atlantic Council, August 2014

Lesson Five: The United States, NATO and Russia

Film Screening: *Thirteen Days*

Readings:

Scott Sagan, 'Why do States Build Nuclear Weapons? Three models in search of the bomb', *International Security*, 21:3 (1996-7)

*Elbridge Colby, "If You Want Peace, Prepare for Nuclear War: A Strategy for the New Great-Power Rivalry", *Foreign Affairs*, October 2018

Lesson Six: Nuclear Weapons Proliferation - South Asia

Readings:

Sumit Ganguly and S. Paul Kapur, "India, Pakistan and the Bomb: Debating Nuclear Stability in South Asia" (New York: Columbia University Press, 2010), pp.23-35

* Azriel Bermant, "Pakistan: Reducing the Risks of a Nuclear Disaster" in Emily B. Landau and Anat Kurz (eds) *Arms Control and National Security: New Horizons* (Tel Aviv: Institute for National Security Studies, April 2014), pp.31-42

Lesson Seven: Nuclear Weapons Proliferation - The case of North Korea

Readings:

Andrew Futter, "The Politics of Nuclear Weapons", (Sage: London, 2015), pp.120-124

* Denny Roy (2010) "Parsing Pyongyang's Strategy", *Survival*, 52:1, 111-136

Lesson Eight: The Prospect of Nuclear Proliferation in the Middle East

Readings:

Andrew Futter, "The Politics of Nuclear Weapons", (Sage: London, 2015), pp.124-128

Kenneth Waltz, "Why Iran Should Get the Bomb", *Foreign Affairs*, July/August 2012, Volume. 91, No. 4, pp.2-6

*Emily Landau, "When Neorealism Meets the Middle East: Iran's Pursuit of Nuclear Weapons in (Regional) Context", *Strategic Assessment*, Vol. 15, No.3, October 2012, pp.27-38

Lesson Nine: Israel's Policy

Readings:

Andrew Futter, "The Politics of Nuclear Weapons", (Sage: London, 2015) pp. 111-115

Avner Cohen and Marvin Miller, "Bringing Israel's Bomb out of the Basement: Has Nuclear Ambiguity Outlived its Shelf Life?" *Foreign Affairs*, September-October 2010.

*Bermant, Azriel, "Margaret Thatcher and the Middle East", Cambridge University Press: New York, 2016, pp.44-57

Lesson Ten:

Class Discussion: *Is A Nuclear Iran Inevitable?*

Readings:

Scott D. Sagan, "Armed and Dangerous: When Dictators Get the Bomb", *Foreign Affairs*, October 2018

Anshel Pfeffer, "Bibi: The Turbulent Life and Times of Benjamin Netanyahu", Basic Books: New York, 2018, pp.324-342

*Ari Shavit, "My Promised Land: The Triumph and Tragedy of Israel", Random House: New York, 2013, pp.365-383

Lesson Eleven: Arms Control Regimes – Successes and Failures

Readings:

Andrew Futter, "The Politics of Nuclear Weapons", (Sage: London, 2015), pp. 140-146

Nina Tannenwald, "The Vanishing Nuclear Taboo? How Disarmament Fell Apart", *Foreign Affairs*, October 2018

*Joseph S. Nye, Jr., "NPT: The Logic of Inequality" *Foreign Policy* (59, Summer 1985) pp. 123- 131.

*Carlo Masala, "Don't Beat a Dead Horse: The Past, Present, and Future Failures of the NPT", *The Nuclear Nonproliferation Regime at a Crossroads*, Emily B. Landau and Azriel Bermant (eds), 2014, INSS Memorandum No.137, pp.45-54

Mid-Term Exam

Lesson Thirteen: Nuclear Disarmament

Readings:

Andrew Futter, "The Politics of Nuclear Weapons", (Sage: London, 2015) pp. 172-186

*Brad Roberts, "Ban the Bomb or Bomb the Ban? Next Steps on the Ban Treaty", European Leadership Network, March 2018 (**optional**)

*Tom Sauer, "Whether you like it or not, the Nuclear Ban Treaty is here to stay", European Leadership Network, March 2018 (**optional**)

Lecture Fourteen: Arms Control Negotiations in the Middle East

Readings:

Emily Landau, "ACRS: what worked, what didn't, and what could be relevant for the region today", *Disarmament Forum*, no. 2, 2008, pp.13-20

Patricia Lewis, "A Middle East free of nuclear weapons: possible, probable or pipe-dream?", *International Affairs* 89: 2 (2013) 433–450

* Peter Jones, "Negotiating regional security and arms control in the Middle East: the ACRS experience and beyond", *Journal of Strategic Studies*, 26:3, 2003, 137-154

Lesson Fifteen: The Chemical and Biological Weapons Threat

Readings:

Joseph Cirincione, Jon B. Wolfsthal and Miriam Rajkumar, *Deadly Arsenals: Nuclear, Biological and Chemical Threats*, (Carnegie Endowment for International Peace: Washington DC, 2005), pp.329-364

Lesson Sixteen: Missile Defence – A Threat to Strategic Stability?

Readings:

Andrew Futter, “The Politics of Nuclear Weapons”, (Sage: London, 2015) pp. 146-149

Ankit Panda and Vipin Narang, “Deadly Overconfidence: Trump Thinks Missile Defenses Work Against North Korea, and that Should Scare You”, *War on the Rocks*, October 2017

* Dean A. Wilkening (2000) “Introduction: Ballistic Missile Defense and Strategic Stability”, 40:334, 5-8, Oxford University Press for the International Institute of Strategic Studies, 2000, (Adelphi Paper 334)

* Azriel Bermant, “The Russian and Iranian Missile Threats: Implications for NATO Missile Defense”, *INSS Memorandum* No.143, November 2014, pp.13-33, 65-69

Lesson Seventeen - Missile Defence: Iron Dome, David’s Sling and the Arrow

Readings:

Azriel Bermant and Emily B. Landau, “Iron Dome Protection: Missile Defense in Israel’s Security Concept” in Anat Kurz and Shlomo Brom (eds), in *The Lessons of Operation Protective Edge* (Tel Aviv: Institute for International Security Studies, November 2014), pp.37-42

Lesson Eighteen – Missile Defence: The Case of Israel

Guest Speaker: Uzi Rubin (TBC)

Reading:

Andrew Futter, “The Politics of Nuclear Weapons”, (Sage: London, 2015), pp. 191-208; 211-214

Lesson Nineteen

Class Discussion: *The Greatest Threats to International Security in the Coming Decade*

Readings:

George P. Shultz, William J. Perry, Henry A. Kissinger and Sam Nunn, "Toward a Nuclear-Free World", *Wall Street Journal*, 15 January 2008

Lesson Twenty - The Future of Nuclear Deterrence

Film Screening: *Dr. Strangelove* (TBC)

Readings:

Steven Pifer, 'A Realist's Rationale for a World without Nuclear Weapons' in "The War that Must Never be Fought" James Goodby and George P. Shultz (eds), Hoover Press, 2015, pp. 81-107

Lesson Twenty One – Ongoing and Future Challenges/The Future of Nuclear Deterrence

***Optional**