



## **Nuclear Nonproliferation and Security in the 21<sup>st</sup> 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. 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, a simulation game 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**

1. **Introduction:** Course Overview: Nuclear Nonproliferation and Security

#### **Readings:**

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

2. Nuclear Deterrence – Lessons from the Cold War (Part 1)

**Readings:**

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

3. Nuclear Deterrence – (Part 2)

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

4. 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 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

5. 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

6. 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

7. Cold War Simulation Game

**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

8. Nuclear Weapons Proliferation - South Asia

**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

9. Nuclear Weapons Proliferation - The case of North Korea

**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

#### 10. The Prospect of Nuclear Proliferation in the Middle East – The Case of Iran

##### **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

#### 11. Israel's Policy

##### **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

#### 12. Class Discussion: Is A Nuclear Iran Inevitable?

##### **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

### 13. Arms Control Regimes – Successes and Failures/ 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

\*Tom Sauer, “Whether you like it or not, the Nuclear Ban Treaty is here to stay”, European Leadership Network, March 2018

### 14. 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

### 15. 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

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

### 16. Missile Defence: The Case of Israel

**Guest Speaker: Uzi Rubin (TBC)**

#### **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

17. 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

18. 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

19. Ongoing and Future Challenges/The Future of Nuclear Deterrence

**\*Optional**

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## TAU International Course Guidelines

### Rules and Respectful Behavior

- No cell phones or laptops permitted in class unless approved by instructor for use
- Tardiness to class is not permitted
- As our courses bring together students from many different styles of learning and from a wide variety of home institutions, we ask that students remain respectful to and patient with fellow classmates at all time as some students may be more familiar with certain course material or procedures than others.

### Learning Accommodations

In accordance to University guidelines, students with learning disabilities or accommodation requests must submit official documentation from their home country / university (translated into English by notary if not already in English) to TAU International ([tauiacademic@tauex.tau.ac.il](mailto:tauiacademic@tauex.tau.ac.il)) in advance of arrival describing in detail any specific needs they have. Students must also bring a copy of this documentation with them on-site and give it to their faculty on the first day of class while introducing themselves so that the faculty know who they are and what sorts of needs they may have. TAU

International and its faculty cannot guarantee that all accommodations received at the home school can be similarly met at TAU but certainly does the best it can to make any suitable accommodations possible that are needed.

### **In-class Exams**

TAU does not permit, under any circumstances, taking any in-class (including mid or final) exams early or later than the scheduled exam day. When selecting courses, it is thus very important to note below if there is an in-class midterm or final exam as this date/exam cannot be changed. Early departures from the program are not approved, nor are early or exception in-class exams.

### **TAU International Absence Policy**

Attendance is **mandatory** in all of the courses. Missing classes will be reflected in the final grade of the course. Up to three justified absences from classes will be accepted (for example: emergency matter or illness, both of which will require an official doctor's note sent to the faculty **on the day of the absence**). Such cases of absence should be reported to your lecturer immediately and again, a doctor's note is required. Students are required to arrive on time for classes. Teachers are entitled to treat any single case of lateness and/or repeated lateness as an unjustified absence. Please note that according to TAU Academic Policy, if a student's behavior or attendance during the semester is disagreeable his/her course participation may be cancelled at the discretion of TAU.

**Students are responsible for reading and adhering to the policies and procedures in the TAU International Academic Handbook [posted here](#) at all times.**