IR 505

ARMS CONTROL, DISARMAMENT and NON-PROLIFERATION

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Office Hours: Tuesdays 1130am-100pm, Wednesdays 100pm-230pm

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COURSE PROFILE

The course will examine why and how arms control, disarmament and non-proliferation have become important issues in modern diplomacy. It will analyze the progress made in agreeing global and regional agreements, in verification and compliance techniques, and the role such agreements play in post Cold War security discussions. It will focus on the impact that weapons of mass destruction have had on this process; how globalization has facilitated transfers of key weapons technologies and led to complex international trade controls; and how the current challenges to global security from proliferation, rogue states, non state actors and terrorism are being addressed.

It will also analyze the problems of conflict caused by small arms proliferation in the developing world and the efforts so far made to limit this process. New weapons systems such as unmanned air vehicles or drones and new threats like cyber-warfare and space-based weaponry will be discussed as current challenges to arms control. The course will examine recent initiatives to enhance security such as the Proliferation Security Initiative and technology advances in verification. The prospects for future progress in arms control will be discussed in the context of new emerging powers and the diminishing effectiveness of conventional military power.

At the end of the class students will be experts on central features of modern arms control.

REQUIRED READING


**Academic Honesty**

Without exception, students are expected to adhere to the Boston University CAS Academic Code. Please read the Boston University Academic Conduct Code. Accordingly, all instances of academic dishonesty will be reported to the CAS Academic Conduct Committee. Please see http://www.bu.edu/cas/students/undergrad-resources/code/.

**Grading**

The course will require a short research paper of 5000 words on a topic relevant to the subject matter of the course to be agreed between the student and professor.

Grading will be based on the following components: 20 % midterm exam (held after week 7 in the course), 30% required paper, 30% final exam, 20% participation. The research paper will due by the end of November 2016.

**WEEK 1**

**Origins and history of arms control.**

Readings:

A brief history of nuclear weapons: ICAN http://www.icanw.org/history
WEEK 2


Readings:
Goldblat, Chapters 1 and 2.

The progress of international humanitarian law:

http://www.internationallawobserver.eu/2009/01/31/whither-now-additional-protocol-i/

Naval Treaties in Arms Control: Goldblat. Pages 173-185

WEEK 3
The nuclear genie.

Readings:
“Atoms for Peace” speech by President Eisenhower, 1953. Text:
http://www.iaea.org/About/history_speech.html


WEEK 4
Dealing with Nuclear Weapons post World War 2: The Nuclear Non-
**Proliferation Treaty**

Readings:

Goldblat. Pages 101-125.


Should the NPT be Extended Indefinitely?, Carnegie Endowment for Peace, November, 1993


**WEEK 5**

**Nuclear Arms Control: The Bilateral Approach and the Cold War**- US/USSR agreements. SALT. START, INF, ABMT. CTBT. Fissile Material Cut-Off Treaty

Readings:

Goldblat. Pages 48-100


INF Treaty


FISSILE MATERIAL CUT-OFF TREATY


**Nuclear Arms Control:**
The U.S.-Russian Agenda. Congressional Research Service briefs, 2006

US-Russia Cooperative Non-Proliferation, Elizabeth Turpin and Brian Finlay, In Busch and Joyner Pages 302-321.

**MISSILE DEFENSE**


http://www.armscontrol.org/factsheets/usmissiledefense

http://blog.heritage.org/2012/02/01/in-negotiating-missile-defense-with-russia-obama-could-learn-from-reagan%E2%80%99s-example/

**WEEK 6**

**Global Nuclear Disarmament - Post Cold War. India and Pakistan. North Korea and Iran. The New Proliferators.**

Readings:

Goldblat. Pages 100-133


South Asia and the Non-Proliferation Regime, Seema Gahlaut in Busch and Joyner pages 222-245

China’s Changing Approach to Non-Proliferation, Bates Gill in Busch and Joyner, pages 245-263

The Iranian Nuclear Program, Sharon Squassoni, in Busch and Joyner, pages 281-302

WEEK 7

Chemical Weapons:


Readings:

Goldblat. Pages 135-158

Abolishing Chemical Weapons: Progress, Challenges, and Opportunities. Paul Walker, Arms Control Today, November 2010


“ A History of Chemical and Biological Weapons” Edward M. Spiers, Reaktion Books, 2010 pages 151-177


WEEK 8

Biological Weapons

Biological and Toxic Weapons Convention (BTWC) 1972

Readings:
WEEK 9

Conventional Arms Control. CFE

Small Arms/ Landmines and development/conflict issues.
NGOs role in disarmament

Readings:

Arms Control Association Factsheet: CFE. http://www.armscontrol.org/factsheet/cfe

Goldblat. Naval and Conventional Pages 171-186 and Pages 220-245


How Does It Stack Up? The Anti-Personnel Mine Ban Convention at 10, Arms Control Today, December 2007 Peter Herby and Eve La Haye

http://www.acronym.org.uk/dd/dd49/49small.htm
WEEK 10


Readings:

Is the NSG up to the Task? Darryl Kimball, Arms Control Today, July/August 2010

Trade Controls and International Security, Jones, Beck and Gahlaut, in Busch and Joyner. Pages 118-135

The International Arms Trade: Difficult to Define, Measure and Control, Paul Holtom and Mark Bromley, Arms Control Today, July/August 2010


The Nuclear Suppliers Group at a Glance. Arms Control Today


The Arms Trade Treaty 2013

Week 11.

Terrorism, Intelligence and Non-Proliferation

Readings:

Dealing with Terrorism involving WMD, Joseph L Pilat, in Busch and Joyner, Combating Weapons of Mass destruction. Pages 9-24,

Chemical and Biological Terrorism. Spiers, pages 126-150

WMD Terrorism, Charles Ferguson in Busch and Joyner. 24-44

Week 12.

New Weapons

SPACE-BASED WEAPONS

http://www.howstuffworks.com/space-war2.htm

http://www.dukechronicle.com/articles/2013/02/20/national-security-specialists-debate-potential-viability-space-weapons

CYBER WEAPONS

Cyber Weapons; Thomas Rid and Peter McBurney

http://dx.doi.org/10.1080/03071847.2012.664354

http://www.chathamhouse.org/research/security/current-projects/london-conference

https://www.gov.uk/government/speeches/foreign-secretary-opens-the-london-conference-on-cyberspace

From New York Times

http://www.nytimes.com/2015/02/26/opinion/arms-control-for-a-cyberage.html

http://www.nytimes.com/2012/08/02/opinion/a-law-to-strengthen-our-cyberdefense.html?ref=cyberwarfare&_r=0


http://www.dukechronicle.com/articles/2013/02/20/national-security-specialists-debate-potential-viability-space-weapons

DRONES


https://www.semanticscholar.org/paper/21st-Century-Arms-Control-Challenges-Drones-Cyber-connell/886f676ebe3e1f675b74703e05efb8f868083cca/read/page/0/panel/0

DIGITAL ARMS TRADE


WEEK 13

New ideas in Disarmament : Advances in Verification

Readings:

Goldblat. Pages 309-345.


The Proliferation Security Initiative, James R. Holmes and Andrew Winner, pages 139-155 in Busch and Joyner

“Security in an Age of Anxiety, What Verification Can Offer,” Antonia Handler Chayes in The Fletcher Forum above

“New Approaches for Addressing the Threat of WMD Proliferation” Ashton B. Carter, in Fletcher Forum above.

WEEK 14

Review

WEBSITE : There is no website

LATE WORK and ABSENCES

All absences must be reported.
DATES OF EXAMINATIONS

Midterm examination: after week 7

Final examination: TBA