

INTL 4460
Arms Control and Disarmament
Tuesday and Thursday, 2:00-3:15 pm
Room 412, Journalism Building

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Center for International
Trade and Security

Introduction to Arms Control and Disarmament Fall 2004

Description. Traditional arms control and disarmament agreements, coupled with the arrangements through which they were verified and enforced, represented a cooperative approach to international security that reduced the necessity for competitive armament and the danger of war. With the end of the Cold War, the focus shifted from reducing U.S. and Soviet stockpiles of weapons of mass destruction (WMD) to preventing additional nations and subnational groups from acquiring WMD or the wherewithal to develop and manufacture them. Events of the past decade sharpened this new focus: The first Gulf War unveiled Iraq's extensive WMD programs, North Korea withdrew from the Non-Proliferation Treaty (NPT) and announced that it was producing weapons-grade materials, India and Pakistan tested their own nuclear weapons, and terrorist organizations emerged that were capable of acquiring and using weapons of mass destruction. The breakup of the Soviet Union has made sensitive technologies, materials and weapons stockpiles dangerously accessible to rogue states and terrorists. This course examines this shift of emphasis and looks into the new challenge of curbing the spread of weapons of mass destruction.

The course proceeds in five parts. Part I provides a brief background description of weapons of mass destruction (i.e., nuclear, biological, and chemical) and the means used to deliver unconventional munitions. We will be interested in learning more about the history and capabilities of WMD, as well as the prospects for their future improvement. Part II focuses on traditional arms control as it evolved during the Cold War years and the transitional period in the 1990s. We will examine a series of bilateral treaties (ABM, SALT, START, and INF) and multilateral conventions (NPT, BWC, and CWC). Part III will introduce you to the concept of nonproliferation as it was conceived and implemented in the second half of the last century and continuously updated in the post-Cold War period. We will discuss whether the existing instruments and institutions can effectively deal with the new challenges and, if not, whether they need to be readjusted, or even replaced. This part will focus, among other things, on the nonproliferation export control regimes, namely the Nuclear Suppliers Group, the Missile Technology Control Regime, the Wassenaar Arrangement, and the Australia Group.

Part IV explores new arms control, disarmament, and nonproliferation strategies that have not yet been fully implemented or remain at the conceptual stage. We will discuss several pending treaties and arrangements, such as the Comprehensive Test Ban Treaty and regional nuclear-free zones. Other new tools to be considered are the use of military force to prevent the development and/or use of weapons of mass destruction, Proliferation Security Initiative, the deployment of a U.S. national missile defense, and others. Finally, we will address the Cooperative Threat Reduction (CTR) program and the G-8 Global Partnership as they are applied to the former Soviet republics and beyond, as well as the homeland security concept that has emerged in post-September 11 America. Towards the end of this part, students will be

requested to develop a brief paper comparing the arms control and nonproliferation position of the Bush administration with the alternative suggested by presidential hopeful Sen. John Kerry. Part V explores the arms control and nonproliferation policies of several countries that are key players in this field, including the United States, Russia, China, India, Pakistan, Iraq, and Iran.

Required Reading. The books for the course are available at the University Bookstore:

- Martin Schram, *Avoiding Armageddon* (New York: Basic Books, 2003).
- Joseph Cirincione, *Deadly Arsenals: Tracking Weapons of Mass Destruction* New York: Carnegie Endowment for International Peace, 2002).
- Jozef Goldblat, *Arms Control: The New Guide to Negotiations and Agreements* (Thousand Oaks: SAGE Publications, 2002).
- Alexander Lennon, ed., *Contemporary Nuclear Debates*, The MIT Press, 2002.

The schedule below assigns readings from these books. I expect you to complete the readings before each class. Please check the course website (<http://www.arches.uga.edu/~igokhrip>) regularly, as I may post additional reading materials from time to time. The course includes viewing relevant documentaries during your class time. You should consult the appropriate sections of a daily newspaper (*The New York Times* and/or *The Washington Post*; the full content of both is available online) and at least one of the weekly magazines (*Time*, *Newsweek*, or *U.S. News & World Report*) for news of relevant ongoing developments. The course website will provide further information about useful links such as the Nuclear Threat Initiative, the Center for Nonproliferation Studies, and the Arms Control Association.

Grading. The following formula will be used to calculate student grades:

- Four two-page journals – 10%
- Mid-term examination – 35%
- Research paper – 20%
- Final examination – 35%

The *journals* must reflect your own interpretation of the study material and will comprise your contribution to our discussions in class. Your writing must be personal, imaginative, and bold. Journals are due on the dates noted in the course schedule below upon completion of each part of the course. The *mid-term examination* will have an in-class component made up of ten short-answer questions and a take-home component made up of two essay questions. The *research paper* (12 pages, double-spaced) should compare the Republican and Democratic approaches toward arms control and nonproliferation, identify differences and similarities, and provide your comments and preferences. The *final examination* will consist of several short-answer questions and two essays.

Course Schedule

Class 1 (August 19) Introduction

Class 2 (August 24) Weapons of Mass Destruction - Nuclear Weapons (Cirincione pp. 3-23, 35-44; Schram pp. 63-77, 311-321; see additional material on the website.)

Class 3 (August 26) Weapons of Mass Destruction - Chemical and Biological Weapons (Cirincione pp. 45-68; Schram pp. 114-140, 153-164, 182-185; see additional material on the website.)

Class 4 (August 31) Weapons of Mass Destruction - Missiles as Delivery Means (Cirincione pp. 169-185; see additional material on the website.)

Class 5 (September 2) Weapons of Mass Destruction - Overview

Class 6 (September 7) Traditional Arms Control and Disarmament - Basic Concept and Historic Overview (Goldblat pp. 3-32; see additional material on the website.)
Journal No. 1 is due.

Class 7 (September 9) Traditional Arms Control and Disarmament - The Role of the United Nations and Restrictions on Nuclear Weapons Explosions (Goldblat pp. 33-68; see additional material on the website.)

Class 8 (September 14) Traditional Arms Control and Disarmament - Nuclear Arms Limitation (Goldblat pp. 69-100; see additional material on website.)

Class 9 (September 16) Traditional Arms Control and Disarmament - Nuclear Arms Limitation (Goldblat pp. 69-100; see additional material on website.)

Class 10 (September 21) Traditional Arms Control and Disarmament - Chemical Weapons Convention and Biological Weapons Convention (Goldblat pp. 135-157; Cirincione pp. 52-56; Schram pp. 140-152; see additional materials on website.)

Class 11 (September 23) Traditional Arms Control and Disarmament - Chemical Weapons Convention and Biological Weapons Convention (Goldblat pp. 135-157; Cirincione pp. 52-56; Schram pp. 140-152; see additional materials on website.) **Journal No. 2 is due.**

Class 12 (September 28) Concept of Nonproliferation (Cirincione pp. 3-23; Schram pp. 3-40; see additional material on website.)

Class 13 (September 30) Concept of Nonproliferation - Nonproliferation Treaty (Cirincione pp. 40-43; Goldblat pp. 101-115; see additional material on website.)

Class 14 (October 5) Concept of Nonproliferation -Nonproliferation Treaty (Cirincione pp. 25-30; Schram pp. 40-43; Goldblat pp. 101-115; see additional material on website.)

Class 15 (October 7) Concept of Nonproliferation - Export Control Regimes (Goldblat pp. 116-119, 120-123, 245-246; Cirincione pp. 29-30, 85-87; see additional material on website.)

Class 16 (October 12) **Midterm Examination. Journal No. 3 is due.**

Class 17 (October 14) New Challenges and Responses - Will the New and Existing Arrangements Be Enough? (Goldblat pp. 58-68, 97-100, 120-121, 158-165, 166-172, 192-218; Lennon pp. 245-332; see additional materials on the website.)

Class 18 (October 19) New Challenges and Responses - Missile Defense (Cirincione pp. 87-89; Lennon pp. 3-98; see additional material on the website.)

Class 19 (October 21) New Challenges and Responses - Cooperative Threat Reduction and G-8 Global Partnership (Schram pp. 78-96; see additional material on the website.)

Class 20 (October 26) New Challenges and Responses - Cooperative Threat Reduction and G-8 Global Partnership (Schram pp. 78-96; see additional material on the website.) **Research Papers are due.**

Class 21 (November 2) **Presentation of Research Papers and Discussion.**

Class 22 (November 4) New Challenges and Responses - Homeland Security (Schram pp. 211-277; see additional material on the website.)

Class 23 (November 9) National Policies in Arms Control, Disarmament and Nonproliferation – The United States (Cirincione pp. 175-186; see additional material on website.)

Class 24 (November 11) National Policies in Arms Control, Disarmament and Nonproliferation - Russia (Cirincione pp. 175-186; Schram pp. 3-11, 63-73, 165-196; see additional material on the website.)

Class 25 (November 16) National Policies in Arms Control, Disarmament and Nonproliferation - Russia (Cirincione pp. 175-186; Schram pp. 3-11, 63-73, 165-196; see additional material on the website.)

Class 26 (November 18) National Policies in Arms Control, Disarmament and Nonproliferation - The UK, France and China (Cirincione pp. 141-174; see additional materials on website.)

Class 27 (November 23) National Policies and Arms Control, Disarmament and Nonproliferation - India and Pakistan (Cirincione pp. 187-220; Schram pp. 44-62; see additional material on the website.)

Class 28 (November 30) National Policies in North Korea, Iran and Iraq (Cirincione pp. 237-294; see additional materials on the website.)

Class 29 (December 2) National Policies in North Korea, Iran and Iraq (Cirincione pp. 237-294; see additional materials on the website.)

Class 30 (December 7) Prospects of Abolition of Weapons of Mass Destruction (Goldblat pp. 125-134, 293-297; Schram pp. 311-321; see additional materials on website.) Journal No. 4 is due.

Class 31 (December 9) Review

Class 32 (December 14) **Final Examination**

My office is 120 Holmes/Hunter Academic Building, tel: (706) 542-2985, email: igokhrip@uga.edu. My office hours are 10:00 am – 4:00 pm daily, by appointment. As mentioned, the course website is at <http://www.arches.uga.edu/~igokhrip>.