Arms Control and Nuclear Proliferation Training Course

Professional Development Training Course Outline

Category	Political Science and International Relations	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Arms Control and Nuclear Proliferation Training Course provides an in-depth exploration of **arms control** and **nuclear proliferation**, two of the most critical challenges to global security in the 21st century. As geopolitical tensions rise and technological advancements accelerate, understanding the complex interplay of **disarmament diplomacy**, **strategic stability**, and **non-proliferation regimes** is more crucial than ever. This program offers a unique blend of theoretical knowledge and practical application, equipping participants with the skills to navigate the intricate landscape of international security.

Through expert-led modules and immersive case studies, this course will demystify the core principles of arms control, from the foundational **Treaty on the Non-Proliferation of Nuclear Weapons (NPT)** to modern-day challenges like **emerging technologies** and the spread of **dual-use materials**. Participants will gain a nuanced perspective on the historical evolution of arms control, the role of international organizations like the **IAEA**, and the critical importance of **verification** and **compliance** in building a safer world. Our focus on **strategic deterrence** and **geopolitical risk analysis** will provide a framework for future-proofing security policies in an ever-changing global environment.

Programme Curriculum

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Course Objectives

1. Analyze the historical context and evolution of **arms control treaties** and **disarmament diplomacy**.
2. Deconstruct the foundational pillars of the **Nuclear Non-Proliferation Treaty (NPT)** and its contemporary challenges.
3. Evaluate the role of the **International Atomic Energy Agency (IAEA)** in **nuclear safeguards** and inspections.
4. Examine the technical and policy aspects of **nuclear weapons proliferation**, including the **nuclear fuel cycle**.
5. Assess the impact of **emerging technologies** such as **hypersonic missiles** and **AI** on strategic stability.
6. Critically analyze different models of **strategic deterrence** and their relevance in a multipolar world.
7. Identify and mitigate risks associated with the illicit trafficking of **WMD materials** and **dual-use technology**.
8. Understand the dynamics of **regional security complexes** and their influence on proliferation
9. Develop skills in **policy analysis** and **risk assessment** related to nuclear security.
10. Explore the humanitarian consequences of nuclear weapons and the objectives of the **Treaty on the Prohibition of Nuclear Weapons (TPNW)**.
11. Gain practical experience through **simulated negotiations** and **crisis management exercises**.
12. Appraise the effectiveness of **multilateral export controls** and sanctions regimes.
13. Formulate strategic recommendations for enhancing **global security governance** and **non-proliferation efforts**.

Target Audience

- Diplomats and foreign service officers.
- Government officials and policy advisors working in defense, security, and intelligence.
- Military officers and defense analysts.
- NGO professionals focused on peace, security, and disarmament.
- Journalists and researchers specializing in international relations and security.
- Postgraduate students and academics in political science, international law, and strategic studies.
- Engineers and scientists with an interest in the policy implications of their work.
- Corporate security professionals managing risk related to WMD proliferation.

Course Outline

Module 1: Foundations of Nuclear Arms Control & Non-Proliferation

- **Historical context** of the nuclear age and the origins of arms control.
- Core concepts: **deterrence**, **disarmament**, and **non-proliferation**.
- Analysis of the **NPT** and its three pillars.
- Key treaties and agreements (e.g., **SALT**, **START**, **INF Treaty**).
- **Case Study:** The Cuban Missile Crisis and its legacy in shaping arms control.

Module 2: The Role of the IAEA and Verification

- Understanding the **IAEA's mandate** and its inspection regime.
- Principles of **nuclear safeguards** and material accountancy.
- Challenges of verifying compliance in a complex geopolitical environment.
- **Technical verification measures** and their limitations.
- **Case Study:** The IAEA's role in the Iran nuclear deal (JCPOA) and its ongoing challenges.

Module 3: Proliferation Pathways and Risk Assessment

- Exploration of the **nuclear fuel cycle** and proliferation-sensitive technologies.
- Analysis of how states acquire nuclear weapons capability.
- The threat of **nuclear terrorism** and securing fissile materials.
- **Multilateral export control regimes** (e.g., Nuclear Suppliers Group).
- **Case Study:** Pakistan's A.Q. Khan network and the proliferation of nuclear know-how.

Module 4: Regional Proliferation Challenges

- **Geopolitical hotspots** and their unique proliferation dynamics.
- The **North Korean nuclear program**: historical context and negotiation strategies.
- The **Iranian nuclear issue**: from the JCPOA to current tensions.
- The India-Pakistan nuclear rivalry and its impact on regional stability.
- **Case Study:** Deconstructing the motivations and strategies of North Korea's nuclear program.

Module 5: Emerging Technologies and Strategic Stability

- The impact of **AI**, **hypersonic weapons**, and **cyber warfare** on strategic stability.
- The erosion of traditional arms control paradigms.
- Concepts of **algorithmic warfare** and the challenges of attribution.
- The future of arms races in the digital and space domains.
- **Case Study:** The implications of Russia's development of new strategic weapons for the global security landscape.

Module 6: Conventional Arms Control and the Humanitarian Dimension

- Introduction to **conventional arms control** and the **Arms Trade Treaty (ATT)**.
- The proliferation of **small arms and light weapons (SALW)**.
- The humanitarian consequences of armed conflict and the role of humanitarian arms control.
- The **Treaty on the Prohibition of Nuclear Weapons (TPNW)** and its legal and political significance.
- **Case Study:** The global effort to ban landmines and the success of the Ottawa Treaty.

Module 7: Crisis Management and Negotiation

- Principles of **crisis diplomacy** and de-escalation.

- Simulated **treaty negotiation exercises**.
- The role of **confidence-building measures** (CBMs).
- Decision-making under pressure and **crisis simulation drills**.
- **Case Study:** A simulation of a nuclear crisis involving a rogue state.

Module 8: The Future of Global Security Governance

- Analysis of the current **arms control ecosystem**.
- Challenges to **multilateralism** and international institutions.
- The rise of new nuclear powers and the decline of bilateral arms control.
- Innovative approaches to **arms control** in the 21st century.
- **Case Study:** The future of US-China strategic stability talks and the potential for a new arms race.

Training Methodology

The course employs a highly interactive and practical training methodology, combining:

- **Expert-led lectures** and seminars.
- **Interactive workshops** and group discussions.
- **Realistic case studies** and crisis simulations.
- **Mock treaty negotiations** to apply learned skills.
- **Q&A sessions** with subject matter experts.
- **Policy brief writing** and strategic analysis exercises.
- **Multimedia resources** and recommended readings.
- **Networking opportunities** with peers and professionals.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

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