Strategic Arms Control and Non-Proliferation Training Course

Professional Development Training Course Outline

Category	Defense and Security	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Strategic arms control and non-proliferation have become core elements of global security, shaping diplomatic negotiations, military doctrine, and international stability. As geopolitical tensions rise and advanced weapons systems proliferate, the need for strong arms control frameworks, compliance verification mechanisms and effective monitoring has never been more essential. Strategic Arms Control and Non-Proliferation Training Course equips participants with deep knowledge of treaty structures, technological verification tools, global non-proliferation regimes, and strategic security dynamics that influence arms control negotiations. The content integrates analytical insights, defence policy considerations and strategic forecasting to strengthen decision-making in high-level security environments.

Participants will develop the skills needed to analyze emerging threats, evaluate strategic trade-offs and support national or organizational efforts to reduce weapons risks. Through scenario-based learning, treaty simulations and real-case evaluations, the training enhances the capacity of security professionals to navigate complex nuclear, chemical and biological weapons issues. Practical case studies ensure learners apply theoretical knowledge to contemporary global challenges, improving their capability to support sustainable peace, regional stability and responsible deterrence.

Programme Curriculum

Strategic Arms Control and Non-Proliferation Training Course

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Course Objectives

1. Understand core principles and global trends in strategic arms control and non-proliferation.
2. Analyze the geopolitical dynamics influencing arms reduction negotiations.
3. Evaluate major arms control treaties, agreements and verification frameworks.
4. Examine the role of international institutions in enforcing compliance.
5. Assess emerging technologies affecting deterrence, verification and monitoring.
6. Identify risks posed by nuclear, chemical and biological weapons proliferation.
7. Differentiate between bilateral, multilateral and regional security arrangements.
8. Strengthen strategic forecasting and scenario analysis for arms control planning.
9. Apply non-proliferation tools, export controls and sanctions mechanisms.
10. Support national and organizational security policies through evidence-based analysis.
11. Build negotiation skills needed for successful arms limitation agreements.
12. Enhance interagency coordination and information-sharing for non-proliferation efforts.
13. Integrate arms control strategies into long-term defence and diplomatic planning.

Organizational Benefits

- Strengthened institutional capability in arms control policy analysis
- Improved decision-making for security and defence planning
- Enhanced compliance with treaties and global obligations
- Increased preparedness for emerging proliferation threats
- Better interagency collaboration and strategic coordination
- Adoption of robust verification and monitoring techniques
- Improved risk assessment for complex security environments
- Strengthened international engagement and diplomatic alignment
- Enhanced operational readiness for policy implementation
- Improved strategic forecasting for long-term security planning

Target Audiences

- Defense and strategic security analysts
- Diplomats and foreign affairs officers
- Military planners and defence policy professionals
- Intelligence and threat assessment personnel
- Peace and security researchers
- International relations and security studies practitioners
- Arms control and disarmament advocates

- Government and institutional policy advisors

Course Duration: 10 days

Course Modules

Module 1: Foundations of Strategic Arms Control

- Define core concepts in arms control and non-proliferation
- Explore the history of strategic weapons regulation
- Understand the relationship between arms control and global security
- Identify major actors and their strategic interests
- Examine current global proliferation risks
- Case Study: Lessons from early bilateral arms limitation efforts

Module 2: Nuclear Non-Proliferation Regimes

- Review the structure and function of the NPT
- Analyze nuclear safeguards and monitoring processes
- Assess proliferation risks in unstable regions
- Examine nuclear fuel cycle controls
- Understand nuclear security and material protection
- Case Study: Nuclear compliance challenges in emerging states

Module 3: Verification and Monitoring Techniques

- Explore satellite imagery and remote sensing tools
- Understand on-site inspections and verification protocols
- Apply data analysis techniques for treaty monitoring
- Evaluate verification challenges in denied environments
- Strengthen early-warning detection approaches
- Case Study: Monitoring compliance using open-source intelligence

Module 4: Chemical and Biological Weapons Control

- Examine the CWC and BWC frameworks
- Identify risks associated with chemical and biological agents
- Review international inspection and investigation mechanisms
- Analyze challenges in dual-use technologies
- Strengthen laboratory safety and compliance measures
- Case Study: Global response to chemical weapons violations

Module 5: Export Controls and Strategic Trade Management

- Understand the purpose of export control systems
- Examine dual-use goods and technology regulations
- Strengthen institutional compliance mechanisms
- Evaluate sanctions and international control regimes
- Apply risk assessments for sensitive technologies
- Case Study: Export control failure leading to proliferation

Module 6: Emerging and Disruptive Technologies

- Explore the strategic impact of hypersonic weapons
- Assess risks of autonomous systems in warfare
- Study cyber threats to nuclear command and control
- Understand quantum technologies and encryption challenges
- Review trends in AI-driven targeting and surveillance
- Case Study: Technology race influencing strategic stability

Module 7: Multilateral Treaties and Global Governance

- Review major treaties including CTBT, INF and START
- Examine UN mechanisms supporting arms control
- Understand regional security frameworks
- Assess roles of IAEA, OPCW and multilateral bodies
- Evaluate global compliance pressures
- Case Study: Treaty breakdown and its geopolitical consequences

Module 8: Strategic Deterrence and Stability

- Explore deterrence theory and its modern evolution
- Review strategic force postures of major powers
- Assess escalation dynamics and crisis stability
- Understand second-strike capability and survivability
- Examine arms racing and competitive threats
- Case Study: Nuclear brinkmanship during geopolitical crises

Module 9: Arms Reduction Negotiations

- Understand negotiation theory for arms control
- Examine diplomatic strategies in treaty-building
- Assess negotiation obstacles and political constraints
- Explore confidence-building measures
- Strengthen communication and stakeholder engagement
- Case Study: Negotiation dynamics of a major arms reduction treaty

Module 10: Compliance, Violations and Enforcement

- Review mechanisms for identifying treaty violations
- Understand response options and diplomatic pressure
- Assess verification gaps and loopholes
- Examine dispute resolution procedures
- Strengthen enforcement through multilateral coordination
- Case Study: Response to a confirmed arms control violation

Module 11: Regional Non-Proliferation Challenges

- Study nuclear-armed regions and their dynamics
- Examine tensions in the Middle East, South Asia and East Asia
- Understand cross-border proliferation risks
- Analyze regional security alliances
- Review peace-building and diplomatic efforts
- Case Study: Regional proliferation crisis management

Module 12: Arms Control and International Law

- Understand legal foundations of disarmament treaties
- Review customary international law and state obligations
- Examine legal challenges of verification and enforcement
- Analyze treaty withdrawal and compliance disputes
- Strengthen interpretation of security-related legal frameworks
- Case Study: Legal analysis of treaty withdrawal actions

Module 13: Strategic Forecasting and Risk Assessment

- Conduct long-term weapons capability forecasting
- Assess geopolitical shifts influencing proliferation
- Use analytical models for risk assessment
- Evaluate technological surprise and uncertainty
- Strengthen early-warning mechanisms
- Case Study: Forecasting regional power shifts and arms races

Module 14: National Security Policy Integration

- Align arms control with national defence strategies
- Conduct institutional risk and capability assessments
- Strengthen interagency coordination structures
- Integrate non-proliferation into foreign policy planning
- Support strategic communication and public messaging
- Case Study: National strategic review of weapons policy

Module 15: Future of Arms Control and Global Stability

- Explore new frameworks for emerging weapons systems
- Assess opportunities for renewed diplomacy
- Review pathways toward sustainable global security
- Understand evolving geopolitical alignments
- Examine potential for new multilateral agreements
- Case Study: Scenario planning for future treaty design

Training Methodology

- Instructor-led presentations supported by real-world security case studies
- Group exercises simulating treaty negotiation and compliance challenges
- Analytical workshops using strategic forecasting and verification tools
- Scenario-based discussions of regional and global proliferation issues
- Interactive simulations and problem-solving sessions
- Practical development of institutional policy recommendations

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	04 Dec 2026	Online	$2,000
23 Nov 2026	04 Dec 2026	Physical	$3,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$9,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

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