BLACKBIRD FOR TRAINING

Defence Acquisition Management and Armaments Programmes Training Course

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Defence Acquisition Management and Armaments Programmes Training Course

Introduction:

This Defence Acquisition Management and Armaments Programmes Training Course prepares you to structure capability requirements, govern complex defence procurement cycles, and manage major defence industrial contracts over one week. You will build a Defence Acquisition Plan and Armaments Lifecycle Dossier that integrates acquisition milestone gates, earned value baselines, and industrial participation compliance registers. You need foundational experience in public sector procurement, defence logistics, or military project management, as this practitioner-level course applies technical frameworks to complex armaments programmes. You will practise through case study analysis, evaluating real-world acquisition scenarios, tender evaluation matrices, and contract performance data.

Course Objectives:

- Draft capability requirement baselines using defence acquisition milestone criteria for major armaments programme charters.
- Map lifecycle acquisition phases using DoD Directive 5000.01 and DoD Instruction 5000.02 pathway models for weapon systems procurement.
- Score industrial participation proposals using multi-criteria weighted evaluation models for international defence offset commitments.
- Run program performance tracking using PMBOK Guide earned value management metrics on armaments production schedules.
- Build defence supply chain risk registers using failure mode analysis templates for critical munitions and weapons subsystems.
- Present contract gate review packages using standardized defense acquisition board rubrics for armaments phase transition sign-offs.

Target Audience:

- You lead defence procurement initiatives, capability definition working groups, and major weapons procurement portfolios for defence organisations.
- You manage armaments programme schedules, prime contractor performance milestones, and system integration deliverables across multi-year defence contracts.
- You direct defence supply chain operations, industrial participation agreements, and strategic sourcing strategies for sovereign security programmes.
- You coordinate military technical evaluations, operational requirements reviews, and tender appraisal boards for armaments acquisitions.
- You oversee contract risk management, cost growth monitoring, and lifecycle support logistics for advanced defence equipment platforms.



Course Outline:

Day 1: Structuring Armaments Programme Capability Requirements and Baselines

- Defining Operational Capability Baselines Using Mission Needs Statements
- Formulating Initial Programme Charters Using Defence Acquisition Frameworks
- Assessing Industrial Base Capacity Using Supplier Competency Matrices
- Conducting Early Cost Estimation Using Parametric Modelling Worksheets
- Build: Programme Capability Charter and Sourcing Profile

Day 2: Implementing Defence Acquisition Frameworks and Governance Standards

- Aligning Acquisition Pathways Using DoD Directive 5000.01 Principles
- Establishing Lifecycle Milestone Gates Using DoD Instruction 5000.02
- Structuring Work Breakdown Packages Using PMBOK Guide Architecture
- Standardising Competency Governance Using FAC-P/PM Management Standards
- Build: Acquisition Milestone Gate and Governance Matrix

Day 3: Managing Armaments Tendering and Industrial Participation

- Developing Weapon System Solicitation Packages Using Standard Solicitations
- Scoring Prime Contractor Tenders Using Weighted Bid Evaluation Sheets
- Structuring Industrial Participation Terms Using Offset Commitment Schedules
- Negotiating Intellectual Property Transfer Using Technology Licencing Clauses
- Build: Tender Evaluation Model and Participation Register

Day 4: Controlling Programme Risks and Weapon System Lifecycle Costs

- Tracking Schedule Cost Variance Using Earned Value Management
- Mapping Defence Supply Chain Bottlenecks Using Bottleneck Matrices
- Mitigating Technology Obsolescence Risks Using Failure Mode Registers
- Auditing Monopolistic Defence Pricing Using Open-Book Auditing Protocols
- Build: Defence Programme Risk and Cost Control Dossier

Day 5: Resolving Acquisition Challenges Through Comprehensive Case Studies

- Evaluating Complex Programme Dilemmas Using Day 1 Capability Charters
- Auditing Milestone Compliance Breaches Using Day 2 Governance Matrices
- Reassessing Contractor Bid Variances Using Day 3 Tender Models
- Stress Testing Schedule Contingencies Using Day 4 Risk Dossiers
- Build: Defence Acquisition Plan and Armaments Lifecycle Dossier



Skills You Will Gain:

- Defence Acquisition Lifecycle Modelling
- DoD Instruction 5000.02 Milestone Governance
- Armaments Capability Needs Formulation
- Industrial Participation Offset Structuring
- Earned Value Cost Schedule Analysis
- Defence Supply Chain Vulnerability Mapping
- Weapon System Open-Book Auditing

Why Attend This Course:

- Formulate defensible capability requirement documents using mission needs statement frameworks to prevent scope creep in major weapons programmes.
- Align armaments programme milestones with DoD Directive 5000.01 and DoD Instruction 5000.02 governance protocols to maintain strict acquisition oversight.
- Manage industrial participation commitments and technology transfer provisions using structured offset evaluation models to strengthen national sovereign capabilities.
- Build a Defence Acquisition Plan and Armaments Lifecycle Dossier to govern contractor milestones, control cost variance, and ensure programme audit readiness.

Conclusion:

Returning to your desk, you will apply the Defence Acquisition Plan and Armaments Lifecycle Dossier to benchmark upcoming weapons programme solicitations and standardise milestone gate criteria across your acquisition team. You will present the completed governance matrices, tender evaluation rubrics, and earned value tracking baselines to your defence programme director and steering committee for formal operational rollout. Following its first use during a major acquisition review, you will audit milestone gate compliance logs and variance metrics to confirm that supplier performance matches contractually mandated cost, schedule, and capability baselines.

Frequently Asked Questions FAQ:

What will you be able to do after the Defence Acquisition Management and Armaments Programmes Training Course?

You will be able to govern complex defence acquisition pathways, formulate rigorous operational capability baselines, evaluate prime contractor solicitations, structure industrial participation agreements, and manage program performance using milestone review frameworks and earned value analytics across armaments procurement lifecycles.



What do you need to know before starting the Defence Acquisition Management and Armaments Programmes Training Course?

You need practical working experience in military logistics, public procurement, or project management within defence or security organisations. Familiarity with basic contract administration is beneficial, as this practitioner-level course addresses acquisition governance, regulatory frameworks, and complex armaments lifecycle controls rather than general purchasing fundamentals.

What do you build during the Defence Acquisition Management and Armaments Programmes Training Course?

You build a Defence Acquisition Plan and Armaments Lifecycle Dossier. This comprehensive working artefact combines capability requirement charters, DoD-aligned milestone governance matrices, weighted tender evaluation models, industrial participation tracking registers, and defence supply chain risk and cost control protocols.

How does the Defence Acquisition Management and Armaments Programmes Training Course differ from a general procurement management course?

This course focuses specifically on armaments lifecycles, defense acquisition pathways, weapon systems milestone governance, technology transfer, and industrial participation offsets. General procurement courses address commercial off-the-shelf purchasing cycles, whereas this curriculum tackles the unique operational, technical, and regulatory complexities of defence armaments programmes.

