Airport Project Portfolio Management Training Course

Professional Development Training Course Outline

Category	Aviation and Airport Management	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Airport Project Portfolio Management is a strategic discipline that enables airport authorities, aviation regulators, infrastructure developers, and project leaders to align multiple projects with organizational objectives while maximizing value, resource utilization, governance, sustainability, and operational excellence. As airports undergo rapid digital transformation, capacity expansion, smart airport development, sustainability initiatives, and infrastructure modernization, effective portfolio management has become a critical capability for achieving strategic growth, stakeholder satisfaction, risk mitigation, and investment optimization. Airport Project Portfolio Management Training Course provides participants with practical methodologies, governance frameworks, and decision-making tools for managing complex airport project portfolios.

The program explores international best practices in project prioritization, portfolio governance, capital investment planning, airport infrastructure development, performance monitoring, stakeholder engagement, enterprise risk management, and digital project management. Participants will learn how leading airports successfully manage competing priorities, optimize resources, deliver strategic outcomes, and ensure regulatory compliance while maintaining operational continuity. Real-world aviation case studies and industry benchmarks will be used to strengthen practical application and organizational performance.

Programme Curriculum

Airport Project Portfolio Management Training Course

Introduction

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Course Objectives

By the end of this course, participants will be able to:

1. Apply strategic portfolio management frameworks within airport environments.
2. Align airport projects with corporate strategy and business objectives.
3. Develop project prioritization and investment optimization models.
4. Implement portfolio governance and decision-making structures.
5. Utilize digital transformation tools for portfolio management.
6. Conduct portfolio risk assessment and mitigation planning.
7. Enhance stakeholder engagement and communication strategies.
8. Improve resource allocation and capacity planning processes.
9. Monitor portfolio performance using KPI dashboards.
10. Strengthen airport infrastructure investment management.
11. Integrate sustainability and ESG principles into portfolios.
12. Manage change management and organizational transformation initiatives.
13. Apply global aviation best practices for project portfolio success.

Organizational Benefits

- Improved strategic alignment of airport investments.
- Enhanced project selection and prioritization.
- Better resource utilization and cost control.
- Increased portfolio visibility and transparency.
- Stronger governance and accountability.
- Improved risk management capabilities.
- Enhanced stakeholder confidence.
- Faster project delivery and value realization.
- Better regulatory compliance.
- Increased organizational competitiveness.

Target Audience

- Airport Directors and Executives
- Airport Project Managers
- Aviation Infrastructure Managers
- Engineering and Technical Managers
- Program and Portfolio Managers
- Airport Operations Managers
- Government Aviation Officials
- Airport Development Consultants

Course Duration: 5 days

Course Modules

Module 1: Foundations of Airport Project Portfolio Management

- Principles of portfolio management
- Airport project portfolio lifecycle
- Strategic alignment concepts
- Portfolio governance structures
- Value realization frameworks
- Case Study: Heathrow Airport Expansion Portfolio

Module 2: Strategic Planning and Portfolio Alignment

- Strategic airport development planning
- Portfolio selection criteria
- Business case evaluation
- Investment prioritization techniques
- Strategic roadmap development
- Case Study: Singapore Changi Airport Growth Strategy

Module 3: Portfolio Governance and Decision-Making

- Governance frameworks
- Executive oversight mechanisms
- Portfolio review boards
- Policy and compliance management
- Decision-making models
- Case Study: Dubai Airports Governance Framework

Module 4: Capital Investment and Financial Management

- Capital expenditure planning

- Budget optimization techniques
- Financial performance evaluation
- Cost-benefit analysis
- Investment risk assessment
- Case Study: Hong Kong International Airport Capital Program

Module 5: Risk Management and Portfolio Resilience

- Enterprise risk management
- Project risk identification
- Portfolio risk balancing
- Business continuity planning
- Crisis management strategies
- Case Study: Schiphol Airport Risk Management Practices

Module 6: Resource Optimization and Capacity Planning

- Resource allocation strategies
- Workforce planning
- Asset utilization management
- Capacity forecasting methods
- Portfolio scheduling techniques
- Case Study: Atlanta Hartsfield-Jackson Airport Capacity Projects

Module 7: Performance Measurement and Digital Transformation

- Portfolio KPI development
- Dashboard reporting systems
- Digital portfolio management platforms
- Data analytics applications
- Smart airport project monitoring
- Case Study: Incheon International Airport Digital Transformation

Module 8: Sustainability and Future Airport Portfolios

- ESG integration frameworks
- Sustainable airport infrastructure
- Environmental impact management
- Innovation portfolio management
- Future-ready airport strategies
- Case Study: Oslo Airport Sustainability Portfolio

Training Methodology

- Interactive instructor-led presentations
- Group discussions and peer learning sessions
- Airport project portfolio simulations
- Global aviation case study analysis
- Practical portfolio planning exercises
- Portfolio governance workshops
- Risk assessment and mitigation activities
- Digital portfolio management demonstrations
- Performance dashboard development exercises
- Action planning and implementation sessions

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

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