Datastat Research
Building Capacity in Training and Research

DATASTAT TRAINING IN

OFFICIAL COURSE PROSPECTUS

Center for Advanced Research & Professional Development

Nairobi Training Center • Global Virtual Academy • Corporate On-Site

AVIATION AND AIRPORT MANAGEMENT

Airport Capital Investment Planning Training Course

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
5 Days Practical Hands-on

DELIVERY MODES
In-Person Class & Live Virtual

CERTIFICATION
Accredited Certificate of Completion

INTAKES / DATES
Multiple Cohort Schedules Included

PREPARED FOR:

Valued Participant

Email: training@datastatresearch.org | Issued: November 21, 2026

Academic & Professional Training Year: 2026

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Airport Capital Investment Planning Training Course

Aviation and Airport Management • 5 Days Intensive • Accredited Certification

Course Overview

Airport Capital Investment Planning Training Course focuses on airport master planning, capital expenditure management, investment prioritization, project feasibility analysis, and financial decision-making within the global aviation industry.

Key Skills & Software Tools Covered

MS Word • Airport Capital Investment Planning Training Course include Oracle Primavera P6 • Microsoft Project • and IBM Maximo Application Suite

Upcoming Training Schedules

Confirmed cohort intakes and venues. Both physical in-person classroom and live virtual online seats are available.

TRAINING DATES	LOCATION / VENUE	FORMAT / DURATION	INVESTMENT (FEE)
27 Jul 2026 – 31 Jul 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
27 Jul 2026 – 31 Jul 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 110,000**
27 Jul 2026 – 31 Jul 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 110,000**
27 Jul 2026 – 31 Jul 2026	Cape Town	Classroom / 5d	**$4,500 USD / KES 110,000**
27 Jul 2026 – 31 Jul 2026	Addis Ababa	Classroom / 5d	**$3,000 USD / KES 110,000**
27 Jul 2026 – 31 Jul 2026	Singapore	Classroom / 5d	**$5,000 USD / KES 110,000**
27 Jul 2026 – 31 Jul 2026	Istanbul	Classroom / 5d	**$5,000 USD / KES 110,000**
27 Jul 2026 – 31 Jul 2026	Bangkok	Classroom / 5d	**$5,000 USD / KES 110,000**
27 Jul 2026 – 31 Jul 2026	Accra	Classroom / 5d	**$4,000 USD / KES 110,000**
3 Aug 2026 – 7 Aug 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
3 Aug 2026 – 7 Aug 2026	Kigali	Classroom / 5d	**$3,000 USD / KES 110,000**
3 Aug 2026 – 7 Aug 2026	Dubai	Classroom / 5d	**$5,000 USD / KES 110,000**

* Corporate discounts and customized cohort scheduling are available for teams of 3 or more participants.

Course Curriculum & Modules

Airport Capital Investment Planning Training Course

Introduction

Airport Capital Investment Planning is a strategic discipline that enables aviation organizations to optimize infrastructure development, financial sustainability, and long-term operational growth. Airport Capital Investment Planning Training Course focuses on airport master planning, capital expenditure management, investment prioritization, project feasibility analysis, and financial decision-making within the global aviation industry. Participants will gain advanced knowledge of airport investment strategies, infrastructure funding models, cost-benefit analysis, risk management, and asset lifecycle planning to support efficient airport expansion and modernization.

The course integrates global best practices in airport finance, infrastructure development, and investment governance. Through practical case studies from leading international airports, participants will explore how successful aviation organizations manage large-scale capital projects, balance passenger growth demands, and achieve sustainable returns on investment. The training enhances strategic leadership capabilities required for effective airport capital planning, budgeting, project evaluation, and future-ready airport development.

Course Objectives

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

- Understand advanced airport capital investment planning frameworks and aviation infrastructure strategies.

- Develop effective airport capital expenditure (CAPEX) planning and financial forecasting models.
- Apply investment appraisal techniques for airport development projects.
- Analyze airport infrastructure needs using data-driven decision-making approaches.
- Evaluate airport expansion projects through feasibility studies and business case development.
- Implement sustainable investment strategies aligned with global aviation trends.
- Manage airport project risks, costs, and investment uncertainties.
- Understand public-private partnership (PPP) models for airport infrastructure financing.
- Apply asset management principles for airport facilities and systems.
- Improve airport investment governance and strategic project prioritization.
- Utilize modern financial analytics tools for capital planning decisions.
- Benchmark global airport investment practices and performance standards.
- Develop long-term airport investment roadmaps supporting operational excellence.

Organizational Benefits

- Improved strategic planning and prioritization of airport infrastructure investments.
- Enhanced financial control over airport capital expenditure projects.
- Better decision-making through advanced investment analysis techniques.
- Increased ability to attract and manage infrastructure funding opportunities.
- Improved project risk identification and mitigation strategies.
- Stronger alignment between airport development plans and business objectives.
- Enhanced sustainability and lifecycle management of airport assets.
- Improved governance and accountability in capital investment decisions.
- Increased operational efficiency through optimized infrastructure planning.
- Better competitiveness through future-focused airport development strategies.

Target Audiences

- Airport executives and senior aviation leaders.
- Airport finance and investment managers.
- Airport planning and development professionals.
- Aviation infrastructure project managers.
- Government aviation authorities and regulators.
- Airport consultants and engineering professionals.
- Airline and aviation business development managers.
- Airport asset management specialists.

Course Duration: 5 days

Course Modules

Module 1: Fundamentals of Airport Capital Investment Planning

- Understanding airport capital investment principles, strategic planning frameworks, and infrastructure development requirements.
- Exploring airport investment cycles, funding sources, and capital allocation processes.
- Reviewing the relationship between airport growth, passenger demand, and infrastructure capacity.
- Examining global examples including Singapore Changi Airport expansion investment strategies.
- Applying investment planning concepts to airport modernization programs.

Module 2: Airport Master Planning and Infrastructure Development

- Developing integrated airport master plans aligned with future operational demands.
- Evaluating terminal, runway, cargo, and support facility investment requirements.
- Understanding demand forecasting and infrastructure capacity analysis.
- Reviewing global case studies including Dubai International Airport development projects.
- Creating strategic infrastructure investment priorities.

Module 3: Airport Capital Budgeting and Financial Management

- Understanding CAPEX budgeting processes for airport infrastructure projects.

- Developing financial models for airport investment decisions.
- Applying cost estimation and expenditure control techniques.
- Reviewing global examples from major airport capital programs.
- Improving financial transparency and investment accountability.

Module 4: Airport Investment Appraisal and Feasibility Analysis

- Conducting feasibility studies for airport development initiatives.
- Applying cost-benefit analysis and return on investment evaluation methods.
- Assessing economic, operational, and financial project viability.
- Examining global case studies including Heathrow Airport investment evaluation approaches.
- Developing effective airport investment business cases.
- Using feasibility results to support executive investment decisions.

Module 5: Airport Infrastructure Financing and Public-Private Partnerships

- Exploring airport financing models and infrastructure funding mechanisms.
- Understanding PPP structures and private investment opportunities.
- Managing investor relationships and financing agreements.
- Reviewing international PPP airport projects and lessons learned.
- Developing sustainable airport financing strategies.
- Evaluating risks associated with different funding models.

Module 6: Airport Project Risk Management and Investment Governance

- Identifying financial, operational, and construction risks in airport investments.
- Implementing investment governance frameworks and controls.
- Developing risk mitigation strategies for major airport projects.
- Reviewing global case studies from airport expansion programs.
- Improving decision-making through effective risk assessment.
- Establishing accountability systems for capital investments.

Module 7: Sustainable Airport Investment and Asset Lifecycle Management

- Integrating sustainability principles into airport capital planning.
- Managing airport assets throughout their operational lifecycle.
- Evaluating green infrastructure investments and energy efficiency projects.
- Reviewing global examples from sustainable airport initiatives.
- Developing lifecycle cost management strategies.
- Supporting environmentally responsible airport development.

Module 8: Future Trends in Airport Capital Investment Strategy

- Exploring emerging technologies influencing airport investment decisions.
- Understanding digital transformation and smart airport infrastructure.
- Developing future-ready airport investment strategies.
- Reviewing global case studies of advanced airport developments.
- Applying innovation to improve investment outcomes.
- Creating long-term capital investment roadmaps.

Training Methodology

- Interactive instructor-led presentations focusing on airport investment concepts.
- Practical workshops involving airport financial planning exercises.
- Global aviation case study analysis and group discussions.
- Investment planning simulations and scenario-based learning.
- Real-world airport infrastructure project evaluations.
- Expert-led discussions on aviation investment trends.
- Problem-solving activities focused on capital planning challenges.

Register as a group from 3 participants for a Discount

Send us an email: info@datastatresearch.org or call +254724527104

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 DATASTAT CONSULTANCY LTD account, as indicated in the invoice so as to enable us prepare better for you.

Certification & Learning Methodology

- Hands-on practical delivery with real-world datasets, case studies, and lab exercises.
- Post-training mentorship, access to class resources, and customized follow-up support.
- Participants who successfully complete the course receive an accredited Datastat Certificate of Completion.

How to Enroll & Reserve Your Seat

1. Online Registration: Visit https://datastatresearch.org/courses/airport-capital-investment-planning-training-course to register online.
2. Email Booking: Send participant details to training@datastatresearch.org for official invoice & reservation.
3. Support & Assistance: Inquire via phone +254 724 527 104 | +254 734 969 612.