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 Operational Readiness and Airport Transfer (ORAT) 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 Operational Readiness and Airport Transfer (ORAT) Training Course

**Aviation and Airport Management • 5 Days Intensive • Accredited Certification**

## Course Overview

Airport Operational Readiness and Airport Transfer (ORAT) Training Course equips participants with internationally recognized knowledge, practical tools, operational strategies, stakeholder coordination techniques, readiness planning methodologies, and best practices required to deliver successful airport opening projects while maintaining regulatory compliance, operational continuity, safety, and customer satisfaction.

### Key Skills & Software Tools Covered

MS Word • Oracle Primavera P6 • Microsoft Project • and Bentley ProjectWise

## 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 Operational Readiness and Airport Transfer (ORAT) Training Course**

**Introduction**

**Airport Operational Readiness and Airport Transfer (ORAT) is a globally recognized project management framework that ensures airports, terminals, and aviation facilities are fully prepared for safe, efficient, and seamless operations before commissioning. As airports continue to expand through smart infrastructure, digital transformation, sustainability initiatives, passenger experience enhancement, and integrated aviation technologies, ORAT has become an essential discipline for minimizing operational risks and ensuring successful transitions from construction to live operations. Airport Operational Readiness and Airport Transfer (ORAT) Training Course equips participants with internationally recognized knowledge, practical tools, operational strategies, stakeholder coordination techniques, readiness planning methodologies, and best practices required to deliver successful airport opening projects while maintaining regulatory compliance, operational continuity, safety, and customer satisfaction.**

**The course emphasizes industry-leading practices in airport transition management, operational testing, integrated trials, stakeholder engagement, airport systems validation, contingency planning, aviation safety management, emergency preparedness, digital airport operations, passenger flow optimization, baggage system readiness, smart airport technologies, sustainability integration, risk management, and continuous operational improvement. Through practical workshops, global airport case studies, operational simulations, and collaborative learning, participants will develop the competencies required to successfully manage complex airport transition projects, coordinate multidisciplinary stakeholders, mitigate operational risks, and ensure world-class airport operational readiness aligned with ICAO, IATA, ACI, and international aviation standards.**

## Course Objectives

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

- Understand the complete Airport Operational Readiness and Airport Transfer (ORAT) framework.
- Develop comprehensive airport operational readiness plans using global best practices.
- Apply project management methodologies to airport transition projects.
- Conduct operational readiness assessments and gap analyses.
- Coordinate multiple airport stakeholders during airport transfer programs.
- Design integrated operational testing and trial programs.
- Strengthen airport safety, security, and regulatory compliance throughout transition.
- Implement airport risk management and business continuity strategies.
- Optimize passenger journey mapping and customer experience during airport opening.
- Manage airport systems integration including baggage, IT, security, and terminal operations.
- Develop effective communication and stakeholder engagement strategies.
- Apply digital technologies and smart airport innovations within ORAT programs.
- Evaluate ORAT project performance using international KPIs and continuous improvement frameworks.

Organizational Benefits

Organizations implementing ORAT best practices will benefit through:

- Reduced operational disruptions during airport opening.
- Improved passenger safety and service quality.
- Faster operational stabilization after commissioning.
- Enhanced collaboration among airport stakeholders.
- Increased compliance with ICAO, IATA, and ACI standards.
- Better project cost control and resource optimization.
- Improved emergency preparedness.
- Reduced operational and reputational risks.
- Higher customer satisfaction.
- Sustainable long-term operational excellence.

Target Audience

- Airport Operations Managers
- Airport Project Managers
- Aviation Consultants
- Civil Aviation Authority Officials
- Airport Engineering Teams
- Airline Operations Managers
- Airport Safety and Security Officers
- Airport Terminal Managers

Course Duration: 5 days

Course Modules

## Module 1: Introduction to Airport Operational Readiness and Airport Transfer (ORAT)

- Fundamentals of Airport Operational Readiness (ORAT)
- Global ORAT frameworks and standards
- Airport lifecycle and transition phases
- Roles and responsibilities of ORAT teams
- International ORAT governance models
- Global Case Study: Hamad International Airport Terminal Opening (Qatar)

## Module 2: ORAT Project Planning and Governance

- Developing ORAT master plans
- Project governance structures

- Stakeholder mapping and coordination
- Budget and resource planning
- ORAT scheduling techniques
- Global Case Study: Istanbul Airport Mega Transfer Project (Türkiye)

### Module 3: Airport Operational Testing and Integrated Trials

- Operational testing methodologies
- Integrated airport trials
- Systems validation processes
- Passenger simulation exercises
- Operational readiness evaluations
- Global Case Study: Beijing Daxing International Airport Operational Trials (China)

### Module 4: Airport Systems Readiness

- Baggage handling systems
- Security screening systems
- IT and communication systems
- Airside operational systems
- Passenger processing technologies
- Global Case Study: Singapore Changi Terminal 4 Systems Integration

### Module 5: Airport Safety, Security and Risk Management

- Safety management systems
- Operational risk identification
- Emergency response planning
- Security readiness verification
- Business continuity planning
- Global Case Study: Heathrow Terminal 5 Operational Lessons (United Kingdom)

### Module 6: Passenger Experience and Operational Excellence

- Passenger journey mapping
- Customer service readiness
- Wayfinding and accessibility
- Crowd management strategies
- Service quality monitoring
- Global Case Study: Jewel Changi Passenger Experience Integration (Singapore)

### Module 7: Airport Transfer Execution and Commissioning

- Airport transfer strategies
- Terminal migration planning
- Airline relocation management
- Live operational transition
- Post-opening stabilization
- Global Case Study: Berlin Brandenburg Airport Commissioning (Germany)

### Module 8: Continuous Improvement and Future Airport Operations

- Operational performance measurement
- Airport operational KPIs
- Lessons learned reviews
- Smart airport innovations
- Sustainability in airport operations
- Global Case Study: Hong Kong International Airport Continuous Operational Improvement

Training Methodology

- Instructor-led interactive presentations
- Practical ORAT planning workshops
- Airport operational readiness simulations
- Integrated operational testing exercises
- Real-world airport transfer case studies
- Group discussions and collaborative learning
- Risk assessment and contingency planning exercises
- Airport systems demonstrations
- Team-based project assignments
- Knowledge assessments and feedback sessions

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-operational-readiness-and-airport-transfer-orat-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.