Aircraft Turnaround Coordination 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

Aircraft turnaround coordination is one of the most critical aspects of modern airport operations and aviation management. Efficient turnaround management minimizes ground time, optimizes resources, enhances airline profitability, and ensures on-time performance — all while maintaining the highest safety standards. With rising air traffic and the demand for rapid aircraft deployment, aviation professionals must master every phase of the turnaround process, from arrival gate handling to timely departure execution.

Aircraft Turnaround Coordination Training Course equips participants with the latest knowledge, practical skills, and tools required to manage aircraft turnaround efficiently. Emphasizing real-time coordination, digital solutions, and safety compliance, this program is ideal for professionals seeking to streamline operations and reduce turnaround delays. The course integrates global best practices, IATA guidelines, and hands-on case studies to ensure learners are well-prepared to tackle industry challenges in both commercial and regional aviation hubs.

Programme Curriculum

Aircraft Turnaround Coordination Training Course

Introduction

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Training Objectives

1. Understand the complete aircraft turnaround process and its critical role in airline operations.
2. Identify key stakeholders and their responsibilities during aircraft ground handling.
3. Analyze factors contributing to turnaround delays and implement mitigation strategies.
4. Apply international safety standards and IATA best practices during turnaround coordination.
5. Utilize digital tools and real-time communication systems to enhance turnaround efficiency.
6. Develop advanced planning and scheduling skills for aircraft ground services.
7. Monitor performance metrics using KPIs and SLA compliance in turnaround management.
8. Implement sustainable and eco-friendly practices during aircraft servicing.
9. Coordinate between ground staff, flight crews, and airport authorities effectively.
10. Conduct risk assessments and safety audits relevant to turnaround operations.
11. Use case-based learning to solve operational bottlenecks in turnaround coordination.
12. Prepare contingency and recovery plans for unexpected operational disruptions.
13. Gain insights into AI and IoT innovations shaping the future of turnaround management.

Target Audiences

1. Airport Operations Managers
2. Ground Handling Supervisors
3. Airline Station Managers
4. Ramp Safety Officers
5. Aviation Logistics Coordinators
6. Airside Operations Personnel
7. Aviation Management Students
8. Civil Aviation Authority Inspectors

Course Duration: 5 days

Course Modules

Module 1: Introduction to Aircraft Turnaround Process

- Overview of turnaround phases and timelines
- Key touchpoints: Arrival to departure
- Importance of on-time performance (OTP)
- Ground time benchmarking
- Delay codes and impact
- **Case Study:** Analyzing a delayed turnaround and its financial impact

Module 2: Stakeholder Roles & Responsibilities

- Airline vs. airport duties
- Ground handling agents and service providers
- Coordination with air traffic control (ATC)
- Crew involvement in turnaround
- Communication flow and SOPs
- **Case Study:** Stakeholder miscommunication leading to turnaround delay

Module 3: Turnaround Planning & Scheduling

- Pre-arrival planning steps
- Slot management and gate allocation
- Resource planning and GSE assignment
- Load planning and sequencing
- Buffers and contingencies
- **Case Study:** Recovery plan for a late inbound aircraft

Module 4: Safety Standards and Compliance

- IATA Ground Operations Manual (IGOM) overview
- Safety Risk Management in airside ops
- Incident reporting and audits
- FOD prevention and control
- Regulatory compliance checklist
- **Case Study:** Safety breach during ground handling – lessons learned

Module 5: Digital Tools in Turnaround Coordination

- Real-time turnaround monitoring systems
- Digital dispatching and handheld tech
- Data analytics in turnaround performance
- Use of AI/IoT in operations
- Communication and logging apps
- **Case Study:** Implementing a digital turnaround management platform

Module 6: KPI & SLA Monitoring

- Key performance indicators for turnaround
- Analyzing delays and on-time stats
- Service Level Agreement benchmarks
- Reporting dashboards and alerts
- Staff accountability systems
- **Case Study:** Performance review using turnaround KPI dashboard

Module 7: Sustainability in Aircraft Turnaround

- Reducing fuel consumption on ground
- Electric GSE and green innovations
- Waste management protocols
- Emissions reporting and carbon offset
- Airport environmental certifications
- **Case Study:** Implementing sustainable turnaround in a major airport

Module 8: Future Trends in Turnaround Coordination

- Artificial Intelligence in ground ops
- Predictive maintenance and smart alerts
- Autonomous GSE and robotics
- Blockchain for task transparency
- Training future-ready personnel
- **Case Study:** Preparing for AI-based turnaround at a smart airport

Training Methodology

- Instructor-led sessions with industry experts
- Real-world case study analysis

- Group breakout simulations and coordination drills
- Interactive dashboards and turnaround planning tools
- Assessments, quizzes, and role-play scenarios
- Post-training evaluation and feedback

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

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com