MAGNA SKILLS DEVELOPMENT INSTITUTE

Capacity Building • Professional Training • Organisational Development

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Course Profile Document

Event , Travel and Tourism Management

Air Transport Planning and Management

Prepared as a professional course profile for delegate review, sponsorship approval and organisational training planning.

COURSE CODE	DELIVERY	DURATION	PREPARED FOR
MSD2756	**Online / Face-to-Face**	**Flexible**	**Organisation Approval**

Register for this Course **View Online Course Page**

Course Overview

The Air Transport Planning and Management course by Magna Skills provides a comprehensive understanding of the essential elements of air transport. Through detailed modules covering airline operations, airport management, air traffic control, regulatory frameworks, and strategic planning, participants will be equipped with the skills and knowledge required to effectively manage air transport systems. This course is ideal for aviation professionals aiming to enhance their expertise and advance their careers in the industry.

Course Outcomes

- **Understand Airline Operations:**
  - Gain insights into the operations and management of airlines.
  - Learn about fleet planning, route selection, and scheduling.
- **Master Airport Management:**
  - Understand the key aspects of airport operations and management.
  - Learn about airport planning, capacity management, and passenger services.
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Comprehend Air Traffic Control:

- Understand the principles and practices of air traffic control.
- Learn about airspace management, navigation systems, and safety protocols.

- **Navigate Regulatory Frameworks:**
  - Gain knowledge of international and national aviation regulations.
  - Understand compliance requirements and regulatory bodies.
- **Enhance Strategic Planning Skills:**
  - Develop strategic planning skills for air transport management.
  - Learn about market analysis, business development, and risk management.

Course Outline / Curriculum

Module 1: Introduction to Air Transport Systems

- Overview of the air transport industry
- Key stakeholders in air transport
- Current trends and challenges in the aviation sector

Module 2: Airline Operations and Management

- Fleet planning and management
- Route selection and network planning
- Scheduling and operations management

Module 3: Airport Planning and Management

- Airport design and infrastructure
- Capacity management and optimization
- Passenger services and terminal operations

Module 4: Air Traffic Control and Navigation

- Principles of air traffic control
- Airspace management and navigation systems
- Safety protocols and emergency procedures

Module 5: Regulatory Frameworks in Aviation

- International aviation regulations and organizations
- National regulatory bodies and compliance
- Environmental regulations and sustainability

Module 6: Strategic Planning and Business Development

- Market analysis and forecasting
- Strategic planning for air transport
- Business development and competitive strategy

Module 7: Financial Management in Aviation

- Financial planning and budgeting
- Revenue management and cost control
- Economic analysis of air transport

Module 8: Risk Management and Safety

- Risk assessment and mitigation strategies
- Safety management systems in aviation
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Crisis management and contingency planning

Module 9: Innovation and Technology in Air Transport

- Emerging technologies in aviation
- Digital transformation and data analytics
- Future trends in air transport technology

Module 10: Case Studies and Practical Applications

- Analysis of real-world air transport projects
- Practical applications of air transport planning techniques
- Group exercises and interactive discussions

Who Can Attend:

- Aviation professionals
- Airline and airport managers
- Air traffic control personnel
- Regulatory and compliance officers
- Individuals seeking to enter the aviation industry

This course is designed to provide participants with a thorough understanding of air transport planning and management, equipping them with the skills necessary to excel in the aviation industry

Target Audience

Air Transport Planning and Management MSc

Key Course Benefits

Work-Ready Skills

Delegates leave with practical tools, templates and methods they can apply immediately at work.

Better Institutional Results

The programme supports stronger planning, reporting, compliance, accountability and service delivery.

Sponsor-Friendly

This document is designed to help supervisors, HR units and sponsors approve delegate participation quickly.

Professional Recognition

Delegates receive training documentation and a certificate of completion after successful participation.

Our Training Centres & Delivery Options

Magna Skills offers flexible delivery through face-to-face training centres across Africa and beyond, plus Online / E-Learning for delegates who prefer remote participation.

Southern Africa

Practical training destinations with strong travel access and delegate support.

- Pretoria, South Africa
- Vic Falls, Zimbabwe
- Livingstone, Zambia

East Africa

Popular regional centres for government, NGO and donor-funded project teams.

- Kigali, Rwanda
- Kampala, Uganda
- Nairob
- Zanzibar, Tanzania

West Africa & Islands

Strategic locations for regional networking and executive capacity building.

- Accra, Ghana
- Port Louis, Mauritius

International Executive Venue

Premium destination training for senior teams and international delegates.

- Dubai, United Arab Emirates

Online / E-Learning

Attend from anywhere through live online, blended or self-paced learning options.

- Online, E-Learning
- Remote Teams
- Flexib

Organisation-Based Training

Magna Skills can also arrange dedicated in-house training for ministries, NGOs and companies.

- Onsite
- Custom Dates
- Group Training

Ready to Nominate Delegates?

Use the links below to register, review the live course page or contact Magna Skills for organisation-based training support.

Register / Apply Online | **View Full Course Page**

About Magna Skills

Magna Skills Development Institute provides practical capacity building programmes for government departments, NGOs, public institutions, donor-funded projects and private sector professionals across Africa. Our training approach combines expert facilitation, real workplace case studies, practical tools, post-training support and professional documentation that helps organisations strengthen staff performance and service delivery.

Government Training | NGO Capacity Building | Corporate Workshops | Online Learning | Face-to-Face Training | Certifica

Approval & Authorisation Form

This section may be completed by the organisation, department, HR office, finance office or sponsor approving delegate participation. It can be attached to an internal memo, procurement request or training approval submission.

Organisation / Department	
Delegate Name(s)	
Approved Course	Air Transport Planning and Management
Preferred Delivery Mode	☐ Online ☐ Face-to-Face ☐ Organisation-Based Training
Preferred Training Venue / Date	
Estimated Number of Delegates	
Budget / Vote Number	
Contact Person	
Email / Mobile	

Authorised Name _____ Signature / Stamp _____ Date _____