MAGNA SKILLS DEVELOPMENT INSTITUTE

Capacity Building • Professional Training • Organisational Development

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Course Profile Document

Procurement and Supply Chain Management

Integrated Transport Planning, Maintenance and Fleet Management

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

COURSE CODE	DELIVERY	DURATION	PREPARED FOR
MSD3023	**Online / Face-to-Face**	**Flexible**	**Organisation Approval**

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

Course Overview

Magna Skills presents the Integrated Transport Planning, Maintenance, and Fleet Management course. This course is designed to provide a deep understanding of the concepts, methodologies, and best practices in transportation planning, fleet management, and maintenance strategies. It covers essential aspects of transport systems, sustainability, cost optimization, and regulatory compliance, equipping professionals with the skills needed to efficiently manage transport systems and fleet operations.

Course Outcomes

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Upon completion of the course, participants will:

1. Understand the principles of integrated transport planning and how to align transport operations with organizational goals.
2. Gain knowledge in fleet management techniques, including cost control, asset utilization, and operational efficiency.
3. Develop strategies for effective fleet maintenance and learn how to apply preventive maintenance methods.
4. Explore sustainability practices in transport planning and management to reduce environmental impact.
5. Apply monitoring and evaluation techniques to assess the effectiveness of transport systems and fleet operations.
6. Learn to implement cost-effective transport systems, optimizing resources for maximum efficiency.
7. Navigate the complexities of regulatory compliance and understand safety standards in transport management.
8. Use technology and innovation to enhance fleet management and improve decision-making processes.
9. Understand risk management and contingency planning in transport systems and fleet operations.
10. Gain practical insights from real-world case studies to apply the concepts learned in actual transport and fleet management scenarios.

Course Outline / Curriculum

Module 1: Fundamentals of Integrated Transport Planning

- Principles of transport planning and its importance in business operations.
- Aligning transport planning with organizational objectives.
- Understanding transport networks and systems.

Module 2: Fleet Management Best Practices

- Fleet management fundamentals: asset utilization, fleet size, and composition.
- Techniques for reducing fleet operational costs.
- Fleet lifecycle management and asset renewal strategies.

Module 3: Preventive Maintenance and Optimization

- Importance of preventive maintenance in reducing downtime and costs.
- Strategies for fleet maintenance and scheduling.
- Optimization of maintenance practices for operational efficiency.

Module 4: Sustainable Transport Systems

- Implementing sustainable practices in transport management.
- Environmental impacts of transport and strategies for reduction.
- Adoption of green technologies and alternative fuels.

Module 5: Monitoring and Evaluation of Transport Systems

- Key performance indicators (KPIs) for transport and fleet management.
- Tools and techniques for monitoring fleet performance.
- Evaluating transport systems for operational effectiveness.

Module 6: Cost-Effective Fleet Management Strategies

- Cost control in fleet management: fuel, maintenance, and staffing.
- Analyzing the total cost of ownership (TCO) of fleet assets.
- Financial management and budgeting in fleet operations.

Module 7: Regulatory Compliance and Safety Standards

- Overview of regulations affecting transport and fleet operations.
- Ensuring compliance with safety and environmental standards.
- Managing transportation risks and liabilities.

Module 8: Technology and Innovation in Fleet Management

- Using telematics and GPS tracking for fleet optimization.
- Integration of fleet management software and data analytics.
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Impact of autonomous vehicles and digital tools on fleet management.

Module 9: Risk Management and Contingency Planning

- Identifying potential risks in fleet and transport operations.
- Developing risk mitigation strategies and contingency plans.
- Crisis management in fleet operations.

Module 10: Case Studies and Real-World Applications

- Analysis of successful transport planning and fleet management case studies.
- Lessons learned from real-world transport system implementations.
- Applying theoretical knowledge to practical transport and fleet management scenarios.

4. Who Can Attend:

- Transport and logistics managers.
- Fleet coordinators and supervisors.
- Public sector professionals involved in transportation planning and operations.
- Private sector managers responsible for fleet management.
- Individuals looking to develop expertise in sustainable transport solutions.

Target Audience

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
- Nairobi,
- 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	Integrated Transport Planning, Maintenance and Fleet 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 _____