Fleet Management, Operations and Cost Control

15 – 19 February 2027
Singapore (Singapore)



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Introduction

The Fleet Management, Operations, and Cost Control course focuses on managing vehicles and operational assets in a structured way that improves efficiency, reduces waste, and controls expenses. Organizations that depend on fleets need clear planning, accurate monitoring, effective maintenance, and cost analysis to ensure operational continuity and reduce breakdowns and risks.

This course covers the fleet management cycle, starting from planning and daily operations to performance monitoring, fuel management, maintenance, safety, and cost analysis. It also explains how to make operational decisions based on clear data, such as vehicle cost, utilization rate, recurring failures, and fuel consumption.

The course is delivered over five connected days. It begins with the fundamentals of fleet management, then moves into operational planning, maintenance management, cost control, and finally performance measurement and continuous improvement.

Course Objectives

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

- Understand the core concepts of fleet management and operations.
- Analyze the fleet operating cycle within the organization.
- Organize the use of vehicles and assets according to business needs.
- Improve vehicle scheduling and operational resource planning.
- Monitor fuel consumption and reduce related waste.
- Apply practical methods for preventive and corrective maintenance.
- Identify and analyze fleet cost elements accurately.
- Monitor driver and vehicle performance using clear indicators.
- Manage operational, safety, and compliance risks.
- Prepare improvement plans to increase fleet efficiency and reduce costs.
- Use operational data to support daily decisions.
- Develop continuous monitoring and improvement procedures for fleet management.



Course Outlines

Day 1: Fundamentals of Fleet Management and Operations.

- Concept of fleet management and its role in supporting operations.
- Fleet components and responsibilities for management and follow-up.
- Relationship between operations, maintenance, and costs.
- Vehicle life cycle from acquisition to replacement.
- Common challenges in fleet management.
- Roles of supervisors, drivers, maintenance teams, and management.

Day 2: Fleet Planning and Operations.

- Analyzing daily operational needs.
- Allocating vehicles based on priorities and work requirements.
- Preparing operating and utilization schedules.
- Monitoring vehicle movement and utilization levels.
- Handling urgent requests and operational changes.
- Practical application on preparing a fleet operating plan.

Day 3: Fleet Maintenance and Breakdown Reduction.

- Concept of preventive and corrective maintenance.
- Preparing periodic maintenance plans for vehicles.
- Monitoring recurring breakdowns and their causes.
- Organizing maintenance work orders and technical reports.
- Coordinating between operations and maintenance to reduce downtime.
- Practical application on analyzing a vehicle breakdown record.

Day 4: Fleet Cost Control.

- Identifying fleet cost elements.
- Analyzing fuel, maintenance, tire, and insurance costs.
- Monitoring vehicle cost per trip or operating period.
- Reducing waste caused by misuse or poor planning.
- Comparing operating costs with replacement or leasing options.
- Practical application on preparing a cost analysis for one vehicle or a group of vehicles.



Day 5: Performance Measurement and Continuous Improvement.

- Defining fleet performance indicators.
- Measuring utilization rate and operating cost.
- Monitoring driver performance and compliance with safety procedures.
- Analyzing data to support improvement decisions.
- Preparing an improvement plan to reduce costs and increase efficiency.
- Integrated application linking operations, maintenance, costs, and performance.

Why Attend this Course: Wins & Losses!

- Improve the ability to manage fleets in a structured way.
- Increase the efficiency of vehicle and asset utilization.
- Reduce breakdowns caused by weak monitoring and maintenance.
- Improve operational scheduling and reduce conflicts between requests.
- Control fuel consumption and reduce waste.
- Analyze fleet costs more clearly.
- Support decisions related to replacement, maintenance, or expansion.
- Improve coordination between operations, maintenance, and management.
- Strengthen safety and compliance across fleet operations.
- Use clear performance indicators to monitor results.
- Reduce unplanned costs.
- Develop improvement plans that can be implemented and monitored.

Conclusion

The Fleet Management, Operations, and Cost Control course provides a practical framework for managing vehicles and operational assets in a more efficient and organized way. It covers the main stages of fleet management, starting with understanding fleet components and the operating cycle, then moving into daily planning, maintenance management, cost analysis, and performance measurement.

This sequence helps connect actual operations with financial and technical decisions. Fleet management does not depend only on vehicle availability. It requires continuous monitoring of fuel consumption, accurate maintenance scheduling, clear cost analysis, and performance indicators that help identify weaknesses and improvement opportunities.

By the end of the course, participants will have a practical understanding of how to improve fleet utilization, reduce breakdowns, control expenses, and strengthen operational follow-up. The course also supports better decisions related to maintenance, replacement, utilization, and resource allocation, helping organizations maintain stable operations and reduce fleet-related costs.

