



Vehicle Maintenance Awareness & Management

Proper vehicle maintenance is crucial for ensuring safety, reliability, and durability. This course aims to provide drivers with the necessary knowledge and skills needed to keep their vehicles in top condition.

Through theoretical lectures, practical demonstrations, hands-on exercises, and interactive discussions, participants will learn about the importance of regular maintenance, common maintenance tasks, and how to address minor vehicle issues. By the end of the course, participants will be able to effectively manage vehicle maintenance, reduce the risk of breakdowns, and contribute to a safer and more efficient fleet operation.

Objectives

- Understand the importance of vehicle maintenance for safety, reliability, and durability.
- Identify key components of a vehicle and their maintenance requirements.
- Perform basic vehicle maintenance tasks, such as checking fluid levels, tire pressure, and brakes.
- Recognize signs of vehicle wear and potential maintenance issues.
- Develop a vehicle maintenance schedule and plan.
- Utilize maintenance logs and records to track vehicle maintenance history

- Understand the importance of environmental considerations in vehicle maintenance.
- Promote a culture of proactive vehicle maintenance within their organization.
- Develop an action plan for implementing effective vehicle maintenance practices.

Course Contents

Module 1: Introduction to Vehicle Maintenance Management

- Overview of vehicle maintenance principles and concepts
- Importance of regular maintenance for vehicle safety and reliability
- Legal and regulatory requirements for vehicle maintenance
- Introduction to vehicle components and systems
- Understanding vehicle maintenance schedules and intervals
- Practical exercises: Identifying key components of a vehicle

Module 2: Basic Vehicle Maintenance Tasks

- Checking and topping up fluid levels: Oil, coolant, brake fluid, and windshield washer fluid
- Inspecting and maintaining tire pressure, tread depth, and condition
- Understanding brake maintenance and inspection procedures.
- Performing visual inspections of the vehicle exterior and interior
- Identifying signs of vehicle wear and potential maintenance issues
- Practical exercises: Performing basic vehicle maintenance tasks (drivers)

Module 3: Advanced Vehicle Maintenance Techniques

- Understanding the importance of regular engine maintenance: Filters, belts, and hoses
- Checking and replacing engine oil and filters
- Inspecting and maintaining the vehicle's cooling system
- Understanding the importance of regular transmission maintenance
- Inspecting and maintaining the vehicle's suspension and steering components
- Practical exercises: Advanced vehicle maintenance tasks

Module 4: Addressing Minor Vehicle Issues

- Recognizing common vehicle issues and warning signs
- Performing roadside repairs for minor vehicle issues
- Utilizing basic tools and equipment for vehicle maintenance and repairs
- Understanding the importance of proper tire maintenance and repair
- Identifying and addressing common tire issues: Punctures, leaks, and wear
- Practical exercises: Roadside repair simulations

Module 5: Environmental Considerations & Maintenance Records

- Understanding environmental considerations in vehicle maintenance
- Proper disposal of hazardous materials and waste products
- Developing an eco-friendly approach to vehicle maintenance
- Importance of maintenance logs and records
- Keeping accurate records of vehicle maintenance and repairs
- Review of course materials and key takeaways
- Developing a personal action plan for implementing effective vehicle maintenance practices

Target audience

- Drivers
- Transport/fleet managers and supervisors.
- Vehicle Maintenance Technicians
- Logistics Supervisors
- Individuals responsible for overseeing vehicle maintenance, repair, and management in fleet operations.

Course duration **5 Days**

Course Fee **TZS 750,000** Per person

Course delivered in **English, Swahili**

