Comprehensive Fleet Safety and Defensive Driving Training Course



21 - 25 Dec 2026

Kuala Lumpur

5200 € (Per Person)

Ref: #HSE1879_108069

Course Introduction / Overview:

This intensive training course provides a comprehensive framework for developing, implementing, and managing a world-class fleet safety program. It moves beyond basic driver training to address the systemic factors that create a truly safe and efficient fleet operation. Participants will delve into the core principles of defensive driving, risk management, and accident prevention, learning to build a proactive safety culture that protects assets, reduces operational costs, and ensures regulatory compliance. The curriculum is grounded in established safety science, drawing on concepts from experts like Dr. Will Murray, a leading authority on human factors in transportation safety. We will explore methodologies discussed in seminal works such as "The Handbook of Road Safety Measures," focusing on practical application rather than just theory. At BIG BEN Training Center, we are dedicated to empowering professionals with the strategic skills to lead their organization's fleet safety initiatives, transforming their approach from reactive incident response to proactive risk elimination. This course is the definitive guide for anyone responsible for the safety of drivers, vehicles, and the public, offering actionable strategies to mitigate risks associated with vehicle operations and foster an environment of continuous safety improvement.

Target Audience / This training course is suitable for:

- Fleet Managers and Supervisors.
- Transportation and Logistics Managers.
- Health, Safety, and Environment (HSE) Officers and Managers.
- Operations Managers with fleet responsibilities.
- Human Resources professionals involved in driver recruitment and management.
- Risk Managers and Compliance Officers.
- Company owners responsible for vehicle fleets.

Target Sectors and Industries:

- Logistics, Transportation, and Supply Chain Management.
- Oil and Gas Exploration and Production.
- Construction and Engineering.
- Public Utilities and Telecommunications.
- Fast-Moving Consumer Goods (FMCG) and Distribution.
- Government, Municipalities, and Public Services.
- Corporate Services and Field Operations.

Target Organizations Departments:

- Fleet Management and Transportation.
- Logistics and Supply Chain.
- Health, Safety, and Environment (HSE).
- Operations and Field Services.
- Human Resources and Training.
- Risk Management and Compliance.
- Procurement and Asset Management.

Course Offerings:

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

- Develop and implement a comprehensive corporate fleet safety policy.
- Design and deliver effective defensive driving and driver training programs.
- Conduct thorough fleet risk assessments and journey management plans.
- Investigate vehicle accidents to identify root causes and prevent recurrence.
- Utilize vehicle telematics and technology to monitor driver behavior and improve safety.
- Establish key performance indicators (KPIs) to measure and manage fleet safety performance.
- Foster a proactive and positive road safety culture within the organization.
- Ensure compliance with local and international transportation safety regulations.
- Manage driver fatigue, distraction, and other human-factor risks effectively.
- Implement robust vehicle inspection and preventative maintenance programs.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be highly interactive, engaging, and practical, ensuring that participants can immediately apply their learning in the workplace. We employ a blended learning approach that combines expert-led presentations with dynamic group discussions, allowing for the exchange of ideas and experiences among peers. A significant portion of the course is dedicated to hands-on activities, including the analysis of real-world case studies of fleet accidents and safety program successes. Participants will work in teams on practical exercises, such as developing a sample fleet safety policy or creating a journey management plan for a high-risk route. Video-based scenario analysis will be used to demonstrate defensive driving techniques and hazard perception skills in a controlled environment. Throughout the course, continuous feedback is provided by the instructor to guide learning and reinforce key concepts. This immersive and participatory approach moves beyond theoretical knowledge, equipping attendees with the tangible skills and confidence needed to drive meaningful safety improvements within their organizations.

Course Agenda (Course Units):

Unit One: Foundations of Fleet Safety Management

- Introduction to fleet safety and its business impact.
- The key elements of a successful fleet safety program.
- Understanding legal, regulatory, and corporate responsibilities.
- The role of management in creating a road safety culture.
- Developing a comprehensive fleet safety policy.
- Defining roles and responsibilities for drivers and managers.
- Establishing a fleet safety committee and its functions.

Unit Two: Driver Management and Defensive Driving Principles

- Effective driver recruitment, screening, and selection processes.
- Core principles of defensive driving and hazard perception.
- Techniques for managing speed, space, and communication on the road.
- Understanding and preventing distracted and aggressive driving.
- Managing driver fatigue and promoting driver wellness.
- Developing a driver training and coaching curriculum.
- Implementing a driver recognition and incentive program.

Unit Three: Vehicle Safety, Technology, and Maintenance

- The role of vehicle selection and ergonomics in safety.
- Implementing a comprehensive pre-trip and post-trip vehicle inspection program.
- Developing a preventative maintenance schedule to ensure vehicle roadworthiness.
- Introduction to vehicle telematics and in-vehicle monitoring systems (IVMS).
- Using telematics data for driver coaching and risk identification.
- Understanding Advanced Driver-Assistance Systems (ADAS).
- Managing vehicle loads and ensuring cargo security.

Unit Four: Risk Assessment and Incident Management

- Conducting formal fleet safety risk assessments.
- Principles of Journey Management Planning (JMP).
- Identifying and mitigating route-specific hazards.
- Procedures for immediate response to a vehicle accident.
- Conducting a thorough and objective accident investigation.
- Root cause analysis techniques for preventing recurrence.
- Reporting, documenting, and analyzing accident data and trends.

Unit Five: Program Implementation and Continuous Improvement

- Steps for launching and communicating the fleet safety program.
- Setting realistic fleet safety targets and objectives.
- Identifying and tracking Key Performance Indicators (KPIs).
- Conducting fleet safety audits and program reviews.
- Strategies for ensuring long-term program sustainability.
- Budgeting for fleet safety initiatives and demonstrating ROI.
- The future of fleet safety and emerging technologies.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

How can organizations effectively balance the push for operational efficiency and cost reduction with the non-negotiable imperative of driver safety and a robust safety culture?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself by adopting a holistic, strategic management perspective on fleet safety, moving far beyond the scope of a standard defensive driving class. While other courses may focus solely on driver technique, our curriculum is uniquely structured to empower managers and safety professionals to build and lead an entire safety ecosystem. We emphasize the development of a sustainable safety culture, which is the bedrock of any successful program, rather than just temporary behavioral changes. The program integrates critical management disciplines, including risk assessment, data analysis using telematics, incident investigation, and performance measurement through KPIs. Participants will not only learn what to do but why they are doing it, supported by principles from established safety science and human factors research. The practical, hands-on approach, featuring case studies and policy development exercises, ensures that attendees leave with tangible, ready-to-implement strategies and documents, not just theoretical knowledge. This focus on systemic program development and leadership skills provides a far greater and more lasting return on investment for the organization.