Road Safety for Low- and Middle-Income Countries Training Course

Professional Development Training Course Outline

Category	Traffic Management & Road Safety	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Road traffic injuries are a leading cause of death and disability in low- and middle-income countries, claiming over 1.3 million lives annually and leaving millions more with lifelong injuries. Rapid urbanization, rising motorization, inadequate infrastructure, and limited enforcement of traffic laws exacerbate the crisis. Road Safety for Low- and Middle-Income Countries Training Course is designed to equip policymakers, engineers, public health professionals, and community leaders with cutting-edge knowledge, practical strategies, and evidence-based interventions to reduce road traffic fatalities and promote safe mobility.

By integrating global best practices, data-driven approaches, and innovative behavioral strategies, this course emphasizes sustainable road safety solutions, smart mobility planning, and multi-sectoral collaboration. Participants will gain skills in risk assessment, accident analysis, and community engagement to effectively address the unique challenges of LMICs. Case studies from countries that have successfully reduced road traffic injuries will provide actionable insights and practical tools to implement in diverse local contexts.

Programme Curriculum

Road Safety for Low- and Middle-Income Countries Training Course

Introduction

Road traffic injuries are a leading cause of death and disability in low- and middle-income countries, claiming over 1.3 million lives annually and leaving millions more with lifelong injuries. Rapid urbanization, rising motorization, inadequate infrastructure, and limited enforcement of traffic laws exacerbate the crisis. Road Safety for Low- and Middle-Income Countries Training Course is designed to equip policymakers, engineers, public health professionals, and community leaders with cutting-edge knowledge, practical strategies, and

evidence-based interventions to reduce road traffic fatalities and promote safe mobility.

By integrating global best practices, data-driven approaches, and innovative behavioral strategies, this course emphasizes sustainable road safety solutions, smart mobility planning, and multi-sectoral collaboration. Participants will gain skills in risk assessment, accident analysis, and community engagement to effectively address the unique challenges of LMICs. Case studies from countries that have successfully reduced road traffic injuries will provide actionable insights and practical tools to implement in diverse local contexts.

Course Duration

5 days

Course Objectives

1. Understand the global burden of road traffic injuries in LMICs.
2. Analyze high-risk behaviors and traffic patterns.
3. Identify infrastructure gaps and road design hazards.
4. Apply data-driven strategies for accident prevention.
5. Develop policy frameworks and enforcement strategies.
6. Promote community-based road safety awareness programs.
7. Implement smart mobility solutions and sustainable transport planning.
8. Assess the economic and social impacts of road traffic injuries.
9. Leverage technology and digital tools for road safety monitoring.
10. Integrate emergency response and post-crash care systems.
11. Foster public-private partnerships for road safety initiatives.
12. Conduct risk mapping and road safety audits.
13. Monitor and evaluate road safety interventions for continuous improvement.

Target Audience

1. Road safety policymakers and regulators
2. Urban and transport planners
3. Public health professionals
4. Traffic police and law enforcement officials
5. Civil engineers and road designers
6. NGO and community leaders
7. Academics and researchers in road safety
8. Private sector stakeholders in transport and mobility

Course Modules

Module 1: Global Road Safety Landscape

- Overview of road traffic injury statistics in LMICs
- Major risk factors: speeding, alcohol, distracted driving
- WHO and UN road safety initiatives
- Socioeconomic impacts of road traffic injuries
- Case study: Successful road safety campaigns in Vietnam

Module 2: Road Infrastructure and Design

- Road engineering standards for safety

- Safe intersections, pedestrian crossings, and cycle lanes
- Traffic calming measures and speed reduction strategies
- Infrastructure audits and hazard identification
- Case study: Urban redesign in Bogotá, Colombia

Module 3: Behavioral and Human Factors

- Driver behavior analysis
- Pedestrian and cyclist safety
- Education and awareness campaigns
- Enforcement strategies for risky behaviors
- Case study: Seatbelt and helmet enforcement in Thailand

Module 4: Policy, Legislation, and Governance

- National and local road safety policies
- Traffic law enforcement best practices
- Multi-sectoral coordination for road safety
- Policy advocacy strategies
- Case study: Road safety legislation reforms in Kenya

Module 5: Data, Research, and Analytics

- Accident data collection and reporting
- GIS and mapping of accident hotspots
- Predictive analytics for road safety
- Evidence-based decision making
- Case study: Use of AI in road crash prediction in India

Module 6: Emergency Response and Post-Crash Care

- Pre-hospital care and trauma management
- Ambulance and first responder systems
- Hospital coordination and trauma registries
- Community-based emergency response training
- Case study: Post-crash care improvements in Ghana

Module 7: Technology and Smart Mobility Solutions

- Intelligent transport systems (ITS)
- Vehicle safety technology adoption
- Mobile apps for reporting and monitoring traffic incidents
- Smart traffic signaling and management systems
- Case study: Smart mobility interventions in Jakarta, Indonesia

Module 8: Community Engagement and Advocacy

- Public awareness campaigns
- School and youth road safety programs
- Stakeholder engagement and partnerships
- Behavior change communication strategies
- Case study: Community-driven road safety in Ethiopia

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call +254769199797

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com