Complete Streets Design Principles 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

Urban streets are no longer just conduits for vehicles they are dynamic spaces that accommodate pedestrians, cyclists, transit users, and motorists safely and efficiently. Complete Streets Design Principles Training Course equips urban planners, engineers, and policy makers with the latest strategies in sustainable urban mobility, inclusive street design, and traffic calming solutions. Participants will explore innovative approaches that transform streets into vibrant, accessible, and resilient public spaces while prioritizing safety, equity, and environmental sustainability.

This course emphasizes a hands-on, practical approach, combining real-world case studies, interactive workshops, and scenario-based learning. Attendees will gain insights into designing streets that foster walkability, active transportation, green infrastructure, and multimodal integration. By mastering these principles, professionals can implement transformative street projects that enhance community connectivity, reduce congestion, and improve public health outcomes.

Programme Curriculum

Complete Streets Design Principles Training Course

Introduction

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Course Duration

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Course Objectives

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

1. Understand Complete Streets frameworks and global best practices.
2. Apply multimodal design principles for pedestrians, cyclists, and public transit.
3. Integrate traffic calming strategies to improve street safety.
4. Design pedestrian-friendly urban spaces with universal accessibility.
5. Incorporate green infrastructure and sustainable stormwater management in street projects.
6. Implement road diets and lane optimization techniques for safer streets.
7. Use GIS and data-driven tools for street design and planning.
8. Develop equity-focused street improvement plans for underserved communities.
9. Enhance active transportation networks to promote healthy mobility.
10. Analyze case studies of global Complete Streets projects for practical learning.
11. Plan smart mobility solutions and integration with public transit systems.
12. Monitor and evaluate street interventions using performance metrics and KPIs.
13. Advocate for policy development and stakeholder engagement in street design initiatives.

Target Audience

1. Urban planners and designers
2. Civil and transportation engineers
3. Local government officials
4. Public policy makers
5. Community development professionals
6. Traffic and safety consultants
7. Non-profit and advocacy organizations
8. Academics and researchers in urban mobility

Course Modules

Module 1: Introduction to Complete Streets

- Definition, history, and global trends in street design
- Principles of multimodal streets
- Benefits of Complete Streets: safety, equity, sustainability
- Key policies and guidelines
- **Case Study:** New York City’s Complete Streets Program

Module 2: Pedestrian & Cyclist Infrastructure

- Sidewalk design and accessibility standards

- Bicycle lanes and protected corridors
- Pedestrian crossings and signals
- Shared streets and pedestrian-priority zones
- **Case Study:** Copenhagen’s Cycling Network

Module 3: Traffic Calming & Safety Measures

- Speed reduction strategies
- Road diets and lane narrowing
- Roundabouts and intersection redesigns
- Traffic signage and enforcement
- **Case Study:** Portland’s Traffic Calming Interventions

Module 4: Green Infrastructure & Sustainability

- Urban trees and vegetation
- Stormwater management techniques
- Sustainable pavement solutions
- Heat mitigation strategies
- **Case Study:** Melbourne’s Green Streets Initiative

Module 5: Multimodal Transit Integration

- Public transport connectivity
- Bus rapid transit lanes
- Transit-oriented development principles
- Pedestrian-transit interface improvements
- **Case Study:** Bogotá’s TransMilenio BRT System

Module 6: Equity & Community Engagement

- Inclusive design principles
- Addressing underserved neighborhoods
- Participatory planning methods
- Social impact assessments
- **Case Study:** Los Angeles’ Equity Streets Program

Module 7: Smart Mobility & Technology

- Smart traffic management systems
- Mobility-as-a-Service integration
- Data-driven street planning
- Emerging technologies in urban mobility
- **Case Study:** Singapore’s Smart Mobility Streets

Module 8: Project Implementation & Evaluation

- Step-by-step street redesign process
- Cost-benefit analysis and funding strategies
- Performance monitoring and KPIs
- Reporting and continuous improvement
- **Case Study:** San Francisco’s Market Street Transformation

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:

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