

Public Health Practice Training Course

Professional Development Training Course Outline

Category	Public Health	Duration	5 Days
Base Fee	\$1,500 USD	Delivery Mode	Online / On-site Hybrid

Course Introduction

Public Health Practice is a dynamic, multidisciplinary field focused on improving population health outcomes through evidence-based interventions, health systems strengthening, disease prevention, and community engagement. Public Health Practice Training Course is designed to equip learners with advanced competencies in epidemiology, global health security, health promotion, surveillance systems, and data-driven decision-making. It integrates emerging public health trends such as One Health approach, digital epidemiology, climate and health resilience, Universal Health Coverage (UHC), and health equity frameworks to prepare professionals for modern public health challenges.

In an era defined by pandemics, non-communicable disease burden, and health system fragmentation, this course emphasizes outbreak preparedness, risk communication, health informatics, and policy translation into practice. Participants will gain practical skills in community-based public health interventions, monitoring & evaluation (M&E), biostatistics applications, and emergency response systems, enabling them to operate effectively in both local and global health environments.

Programme Curriculum

Public Health Practice Training Course

Introduction

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Course Duration

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Course Objectives

1. Master epidemiological principles and disease surveillance systems
2. Apply biostatistics for public health decision-making
3. Strengthen health systems management and leadership
4. Develop competencies in outbreak investigation and response
5. Implement health promotion and behavioral change strategies
6. Utilize health informatics and digital health tools
7. Enhance skills in environmental and occupational health risk assessment
8. Design community-based health interventions
9. Integrate One Health approach in disease prevention
10. Strengthen health policy analysis and advocacy
11. Apply monitoring, evaluation, and learning (MEL) frameworks
12. Improve global health security and emergency preparedness
13. Promote health equity and social determinants of health interventions

Target Audience

1. Public health officers and practitioners
2. Epidemiologists and surveillance officers
3. Healthcare managers and administrators
4. NGO and humanitarian workers
5. Community health workers (CHWs)
6. Medical and nursing professionals
7. Health policy makers and advisors
8. Graduate students in public health and medicine

Course Modules

Module 1: Foundations of Public Health Practice

- Principles of public health and prevention science
- Health systems structure and functions
- Determinants of health and disease burden
- Evolution of global public health
- **Case Study:** COVID-19 global response analysis

Module 2: Epidemiology & Disease Surveillance

- Types of epidemiological studies
- Surveillance system design and reporting
- Outbreak detection and investigation

- Data interpretation and trend analysis
- **Case Study:** Ebola outbreak surveillance in West Africa

Module 3: Biostatistics & Data Analytics

- Descriptive and inferential statistics
- Data collection methods and sampling techniques
- Statistical software applications
- Data visualization and interpretation
- **Case Study:** Malaria trend analysis using routine health data

Module 4: Health Promotion & Behavior Change

- Theories of behavior change
- Designing health education campaigns
- Community mobilization strategies
- Risk communication principles
- **Case Study:** Tobacco control campaign effectiveness

Module 5: Environmental & Occupational Health

- Environmental risk assessment
- Water, sanitation, and hygiene (WASH) systems
- Climate change and health impacts
- Workplace hazard prevention
- **Case Study:** Lead poisoning outbreak in urban settlements

Module 6: Health Systems Strengthening

- Health financing and resource allocation
- Human resources for health
- Service delivery models
- Universal Health Coverage (UHC) strategies
- **Case Study:** Rwanda primary healthcare reform success

Module 7: Global Health Security & Emergency Preparedness

- Disaster risk management frameworks
- Pandemic preparedness planning
- Emergency response coordination
- Risk communication during crises
- **Case Study:** COVID-19 vaccine rollout strategies

Module 8: Monitoring, Evaluation & Health Informatics

- M&E frameworks and indicators
- Digital health systems (DHIS2, mHealth)
- Health data governance
- Performance evaluation methods
- **Case Study:** Digital immunization tracking system implementation

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.com 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
07 Sep 2026	11 Sep 2026	Physical	\$1,500
14 Sep 2026	18 Sep 2026	Physical	\$1,500
21 Sep 2026	25 Sep 2026	Physical	\$1,500
28 Sep 2026	02 Oct 2026	Physical	\$1,500

Start Date	End Date	Location	Price
05 Oct 2026	09 Oct 2026	Physical	\$1,500
12 Oct 2026	16 Oct 2026	Physical	\$1,500
19 Oct 2026	23 Oct 2026	Physical	\$1,500
26 Oct 2026	30 Oct 2026	Physical	\$1,500

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