Pediatric Public Health 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

Pediatric Public Health is a rapidly evolving discipline focused on child survival, preventive healthcare, immunization strategies, nutrition security, infectious disease control, and health equity for children and adolescents. Pediatric Public Health Training Course is designed to strengthen competencies in maternal and child health (MCH), epidemiology, pediatric primary care, community health systems, and global child health interventions. With rising global challenges such as vaccine-preventable diseases, malnutrition, neonatal mortality, climate-sensitive illnesses, and emerging infections, there is a critical need for highly skilled professionals capable of delivering evidence-based, data-driven pediatric public health solutions.

This course integrates modern public health analytics, digital health tools, surveillance systems, SDG-aligned child health programs, and population-based pediatric interventions. Participants will gain practical expertise in child health policy implementation, outbreak response, health promotion strategies, and integrated community case management (iCCM). The training emphasizes real-world application, field epidemiology, program management, and health systems strengthening to prepare professionals for leadership roles in national and global pediatric health programs.

Programme Curriculum

Pediatric Public Health Training Course

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Course Duration

5 days

Course Objectives

1. Understand global pediatric public health frameworks and SDG 3.2 targets
2. Apply child survival strategies and under-5 mortality reduction models
3. Analyze pediatric epidemiology and disease burden trends
4. Design immunization and vaccine delivery programs
5. Implement nutrition-sensitive interventions and malnutrition management
6. Strengthen neonatal and infant health care systems
7. Conduct outbreak investigation and child disease surveillance
8. Utilize digital health tools in pediatric public health monitoring
9. Develop community-based child health programs (CBCHP)
10. Improve maternal-child health integration systems
11. Evaluate health equity and social determinants of child health
12. Apply health promotion and behavioral change communication (BCC)
13. Lead evidence-based pediatric health policy development

Target Audience

1. Pediatricians and child health specialists
2. Public health officers and epidemiologists
3. Nurses and midwives in maternal-child health
4. Community health workers (CHWs)
5. NGO and humanitarian health workers
6. Health policy makers and government officials
7. Medical and public health students
8. Global health researchers and academics

Course Modules

Module 1: Foundations of Pediatric Public Health

- Principles of child health and survival
- Global child mortality trends
- SDG child health indicators
- Health system structure for pediatrics
- Role of preventive care
- **Case Study:** Reduction of under-5 mortality in Rwanda through integrated child health programs

Module 2: Pediatric Epidemiology & Disease Surveillance

- Disease burden in children
- Surveillance systems (IDSR, DHIS2)
- Data collection and reporting
- Outbreak detection in pediatrics
- Epidemiological modeling
- **Case Study:** Measles outbreak tracking using real-time surveillance in Nigeria

Module 3: Immunization & Vaccine-Preventable Diseases

- National immunization schedules
- Cold chain management
- Vaccine hesitancy strategies
- Mass immunization campaigns
- New vaccine technologies
- **Case Study:** Polio eradication success in India through pulse immunization

Module 4: Child Nutrition & Growth Monitoring

- Malnutrition classification (SAM, MAM)
- Micronutrient deficiencies
- Growth monitoring tools
- School feeding programs
- Community nutrition interventions
- **Case Study:** CMAM program reducing severe acute malnutrition in Ethiopia

Module 5: Neonatal & Infant Health Care

- Neonatal mortality reduction strategies
- Essential newborn care
- Kangaroo mother care
- Birth preparedness programs
- Neonatal infection prevention
- **Case Study:** Reduction of neonatal deaths through KMC in Bangladesh

Module 6: Communicable Diseases in Children

- Pediatric infectious diseases
- TB, malaria, pneumonia control
- HIV in children
- Integrated case management (IMCI)
- Antibiotic stewardship
- **Case Study:** Malaria reduction program in Ghana using insecticide-treated nets

Module 7: Digital Health & Data Systems

- eHealth and mHealth tools
- AI in pediatric diagnostics
- Digital surveillance systems
- Telemedicine for child health
- Health data analytics
- **Case Study:** Mobile health immunization tracking system in Kenya

Module 8: Child Health Policy & Community Programs

- Health policy frameworks
- Community-based interventions
- Health equity strategies
- Emergency pediatric response
- Program evaluation techniques
- **Case Study:** Integrated child health outreach program in rural India

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
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