Reproductive Health and Infectious Diseases Training Course

Professional Development Training Course Outline

Category	Public Health	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Effective management of reproductive health and infectious diseases is essential for improving maternal, newborn, and adolescent health outcomes worldwide. Reproductive Health and Infectious Diseases Training Course equips participants with practical knowledge on reproductive health epidemiology, disease surveillance, maternal and neonatal infections, and prevention strategies within health systems. With a focus on evidence-based interventions, participants gain advanced competencies in identifying risk factors, developing integrated reproductive health programs, and designing interventions to reduce morbidity and mortality across diverse populations.

This course incorporates global best practices in STI prevention, HIV/AIDS control, maternal health, family planning, and infection control, while emphasizing the One Health and health systems strengthening approach. Participants will engage in hands-on sessions, case studies, and real-world reproductive health scenarios, enabling them to apply data-driven solutions, enhance community-level disease prevention strategies, and improve service delivery. By the end of this course, learners will be well prepared to contribute to resilient and equitable reproductive health and infectious disease programs.

Programme Curriculum

Reproductive Health and Infectious Diseases Training Course

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Course Duration

10 days

Course Objectives

1. Understand global **reproductive health epidemiology** and disease trends.
2. Analyze **infectious disease transmission dynamics** affecting reproductive outcomes.
3. Strengthen competencies in **sexual and reproductive health (SRH) services** delivery.
4. Apply **data-driven approaches** to monitor reproductive health indicators.
5. Evaluate **maternal, newborn, and adolescent health** interventions.
6. Design and implement **STI and HIV prevention** programs.
7. Conduct effective **disease surveillance** and reporting in reproductive health settings.
8. Assess **infection prevention and control (IPC)** measures for maternal and neonatal care.
9. Integrate **One Health principles** in reproductive health and infectious disease control.
10. Strengthen **community engagement** in reproductive health programs.
11. Apply **digital health tools** for reproductive and infectious disease management.
12. Develop **policy briefs and guidelines** for reproductive health systems.
13. Evaluate **health systems strengthening** strategies for SRH and infectious disease programs.

Organizational Benefits

1. Enhanced institutional capacity in **SRH program management**.
2. Improved **disease surveillance and reporting** mechanisms.
3. Development of high-impact **maternal and reproductive health interventions**.
4. Strengthened **infection prevention and control** practices.
5. Improved quality of **adolescent and youth-friendly health services**.
6. Enhanced staff competency in **STI and HIV management**.
7. Better resource allocation through **data-driven program planning**.
8. Strengthened partnerships with public health agencies and NGOs.
9. Increased compliance with **national and international health standards**.
10. Improved organizational outcomes in **public health research and implementation**.

Target Audience

1. Public health officers
2. Reproductive health specialists
3. Epidemiologists
4. Maternal and child health (MCH) practitioners
5. Nurses and midwives
6. NGO and community health program coordinators
7. HIV and STI program managers
8. Health data analysts and researchers
9. Health policy makers and planners

Course Modules

Module 1: Introduction to Reproductive Health & Infectious Diseases

· Scope and definitions of reproductive health

· Overview of infectious diseases affecting reproductive systems

· Global burden and epidemiological trends

· Key indicators and measurement tools

· **Case Study:** Maternal infections and global mortality trends

Module 2: Epidemiology of Reproductive Health

· Determinants of reproductive health outcomes

· Epidemiological study designs

· Measuring fertility, morbidity, and mortality

· Reproductive health surveillance systems

· **Case Study:** Improving maternal health in low-income settings

Module 3: Infectious Disease Transmission Dynamics

· Microbial transmission routes

· Host–pathogen interactions

· Risk factor analysis

· Outbreak investigation principles

· **Case Study:** Transmission pathways of Zika virus

Module 4: Maternal and Neonatal Infections

· Key maternal infections: HIV, hepatitis, syphilis

· Neonatal sepsis and congenital infections

· Diagnostic criteria and screening tools

- Prevention and management strategies
- **Case Study:** Managing neonatal sepsis in rural clinics

Module 5: Sexually Transmitted Infections (STIs)

- Common STIs: chlamydia, gonorrhea, HPV
- Risk groups and determinants
- Screening and treatment guidelines
- Behaviour change strategies
- **Case Study:** HPV vaccination program outcomes

Module 6: HIV/AIDS and Reproductive Health

- HIV epidemiology and reproductive implications
- Prevention of mother-to-child transmission (PMTCT)
- Treatment and care guidelines
- HIV surveillance and monitoring
- **Case Study:** PMTCT program success in East Africa

Module 7: Family Planning and Disease Prevention

- Contraception methods and safety
- Link between family planning and infectious disease outcomes
- Male involvement in reproductive health
- Addressing unmet needs in contraception
- **Case Study:** Family planning integration with STI prevention

Module 8: Adolescents and Youth Reproductive Health

- Adolescent health risks and vulnerabilities
- Youth-friendly health services
- Sexual health education strategies
- Reducing adolescent pregnancy and infections
- **Case Study:** School-based SRH interventions

Module 9: One Health Approach in Reproductive Health

- Human–animal–environment interface
- Zoonotic diseases affecting reproductive health

- Climate change and reproductive risks
- Integrating One Health into SRH programs
- **Case Study:** Rift Valley fever and pregnancy outcomes

Module 10: Digital Health Technologies in Reproductive Care

- mHealth for reproductive health education
- Digital disease reporting tools
- Telemedicine in maternal health
- Data visualization and dashboards
- **Case Study:** Mobile apps for ANC follow-up

Module 11: Infection Prevention and Control (IPC)

- IPC principles in reproductive health facilities
- Safe delivery practices
- Waste management and sanitation
- Healthcare worker safety
- **Case Study:** Improving IPC in maternity wards

Module 12: Community Engagement & Behavior Change

- Community mobilization strategies
- Health communication and advocacy
- Culturally appropriate interventions
- Working with community health volunteers
- **Case Study:** Community-led STI reduction initiatives

Module 13: Health Systems Strengthening for SRH

- Governance, leadership, and financing
- Workforce capacity development
- SRH supply chain management
- Monitoring and evaluation systems
- **Case Study:** Strengthening SRH systems in Kenya

Module 14: Policy Development & Program Management

- Policy frameworks for reproductive health

· Program planning cycles

· Resource allocation

· Monitoring and evaluating policy impact

· **Case Study:** National reproductive health policy reforms

Module 15: Research Methods in Reproductive Health and Infectious Diseases

· Research design and data collection

· Ethics in reproductive health research

· Qualitative and quantitative methods

· Dissemination and publication of research

· **Case Study:** Conducting operational research on STIs

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	04 Dec 2026	Online	$2,000
23 Nov 2026	04 Dec 2026	Physical	$3,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$9,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

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