Crisis Management in Health Systems 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

Health systems across the globe are increasingly exposed to complex and high-impact disruptions such as pandemics, disease outbreaks, natural disasters, cyberattacks, and infrastructure failures. The need for robust Crisis Management in Health Systems, health emergency preparedness, and healthcare resilience planning has never been more critical. Crisis Management in Health Systems Training Course is designed to equip healthcare professionals, administrators, policymakers, and emergency response teams with cutting-edge skills in public health crisis response, incident command systems (ICS), risk communication, and health system strengthening during emergencies.

The course integrates modern approaches such as real-time health surveillance, AI-driven epidemic forecasting, disaster risk reduction (DRR), and emergency preparedness frameworks aligned with WHO and global health security standards. Participants will gain practical knowledge in managing multi-layered crises including pandemics, mass casualty events, and healthcare system overload. Through case-based learning, simulation exercises, and scenario planning, learners will develop the ability to lead coordinated responses that ensure continuity of essential health services, minimize mortality, and strengthen system resilience under pressure.

Programme Curriculum

Crisis Management in Health Systems Training Course

Introduction

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Course Duration

10 days

Course Objectives

1. Develop expertise in health system crisis management frameworks
2. Apply Incident Command System (ICS) in healthcare emergencies
3. Strengthen pandemic preparedness and outbreak response strategies
4. Implement real-time disease surveillance and early warning systems
5. Enhance healthcare risk assessment and mitigation planning
6. Build capacity in disaster risk management in healthcare settings
7. Improve emergency response coordination and multi-agency collaboration
8. Master risk communication and public health messaging
9. Strengthen hospital surge capacity and resource optimization
10. Apply digital health tools for crisis monitoring and response
11. Develop business continuity plans for health facilities
12. Strengthen community-based emergency response systems
13. Integrate global health security and One Health approaches

Target Audience

1. Hospital administrators and healthcare managers
2. Public health officers and epidemiologists
3. Emergency response and disaster management teams
4. Ministry of Health policymakers and planners
5. NGO and humanitarian health workers
6. Medical and nursing professionals in leadership roles
7. Health informatics and surveillance specialists
8. International development and global health consultants

Course Modules

Module 1: Introduction to Health System Crisis Management

- Concepts of crisis and emergency in health systems
- Types of health crises (pandemics, disasters, cyber threats)
- Global health security frameworks
- Crisis lifecycle and response phases

- Case Study: COVID-19 global response challenges

Module 2: Incident Command System (ICS) in Healthcare

- ICS structure and roles in hospitals
- Chain of command during emergencies
- Coordination with government agencies
- Communication protocols
- Case Study: Ebola outbreak hospital coordination in West Africa

Module 3: Pandemic Preparedness and Response

- Outbreak detection and containment strategies
- Vaccine deployment logistics
- Quarantine and isolation protocols
- Surge staffing strategies
- Case Study: COVID-19 vaccination rollout systems

Module 4: Risk Assessment and Vulnerability Mapping

- Hazard identification in healthcare systems
- Risk scoring methodologies
- Vulnerability assessment tools
- Mapping high-risk populations
- Case Study: Flood-prone health facilities preparedness

Module 5: Health Emergency Surveillance Systems

- Real-time data collection methods
- Digital disease surveillance platforms
- Early warning indicators
- Data integration and reporting
- Case Study: Cholera outbreak detection systems

Module 6: Emergency Preparedness Planning

- Hospital emergency response plans
- Simulation and drills
- Resource inventory management
- Staff training and readiness
- Case Study: Earthquake hospital preparedness drills

Module 7: Surge Capacity Management

- ICU and bed capacity expansion
- Staff redeployment strategies
- Equipment scaling during crises
- Temporary health facilities setup
- Case Study: COVID-19 hospital overflow management

Module 8: Risk Communication Strategies

- Public messaging during crises

- Managing misinformation and rumors
- Media engagement strategies
- Community trust building
- Case Study: Vaccine hesitancy communication campaigns

Module 9: Logistics and Supply Chain in Emergencies

- Medical supply chain continuity
- Emergency procurement systems
- Cold chain management
- Inventory tracking systems
- Case Study: PPE shortages during COVID-19

Module 10: Digital Health in Crisis Management

- Telemedicine in emergencies
- AI in outbreak prediction
- Mobile health (mHealth) tools
- Data dashboards for decision-making
- Case Study: AI-based COVID-19 tracking systems

Module 11: Mental Health in Crisis Situations

- Psychological first aid
- Burnout among healthcare workers
- Community mental health response
- Trauma-informed care
- Case Study: Healthcare worker stress during pandemics

Module 12: Disaster Risk Reduction in Health Systems

- Integration of DRR frameworks
- Climate-related health risks
- Infrastructure resilience
- Preparedness policy development
- Case Study: Cyclone impact on health services

Module 13: Coordination with Humanitarian Agencies

- Multi-agency coordination systems
- Role of NGOs and INGOs
- Resource sharing mechanisms
- Emergency funding channels
- Case Study: Refugee health crisis response

Module 14: Legal and Ethical Considerations

- Health emergency laws and regulations
- Patient rights during crises
- Ethical triage decisions
- Data privacy in emergencies
- Case Study: Ethical dilemmas in ICU rationing

Module 15: Health System Recovery and Resilience Building

- Post-crisis recovery planning
- Infrastructure rebuilding
- Policy reforms after crises
- Long-term resilience strategies
- Case Study: Post-Ebola health system reconstruction

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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