Health Program Monitoring & Evaluation (M&E) Training Course

Professional Development Training Course Outline

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

Course Introduction

Health Program Monitoring & Evaluation (M&E) Training Course is designed to equip health professionals, program managers, and policymakers with advanced skills to systematically track, assess, and optimize health interventions. Leveraging cutting-edge digital health tools, data analytics, and evidence-based strategies, this course enables participants to transform raw health data into actionable insights that drive program efficiency, enhance patient outcomes, and promote sustainable health impact. Participants will gain practical skills in designing M&E frameworks, developing robust indicators, conducting rigorous evaluations, and using dashboards for real-time decision-making in diverse healthcare settings.

This course emphasizes integrated health information systems, data-driven decision-making, and impact assessment. Through a combination of interactive lectures, hands-on exercises, case studies, and group discussions, learners will master techniques to monitor health programs effectively, identify gaps, and implement corrective strategies. By completing this training, participants will be prepared to lead M&E initiatives, improve health service delivery, and ensure compliance with global health standards while harnessing modern tools like GIS, mobile data collection, and predictive analytics for enhanced program performance.

Programme Curriculum

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Course Objectives

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

1. Design comprehensive Health Program M&E frameworks aligned with global health standards.
2. Develop and select SMART indicators for effective monitoring and evaluation.
3. Utilize digital health tools and mobile data collection platforms for real-time reporting.
4. Conduct impact evaluations to measure program effectiveness.
5. Analyze health program data using statistical software and predictive analytics.
6. Implement quality assurance and data validation techniques.
7. Integrate GIS mapping and spatial analytics in health monitoring.
8. Prepare actionable M&E reports and dashboards for stakeholders.
9. Apply data-driven decision-making to improve program outcomes.
10. Manage community health data ethically and securely.
11. Evaluate health program cost-effectiveness and resource utilization.
12. Design evidence-based recommendations for program improvement.
13. Foster a culture of continuous learning and adaptive program management.

Target Audience

1. Health program managers and coordinators
2. Monitoring and evaluation officers
3. Public health professionals
4. Healthcare policymakers and planners
5. NGO and development organization staff
6. Data analysts in health programs
7. Community health supervisors
8. Academic researchers in public health

Course Modules

Module 1: Introduction to Health Program M&E

- Definition, scope, and importance of M&E in health programs
- Key principles and global standards for health M&E

- Health system performance indicators
- Case study: Evaluating maternal health programs in rural Kenya
- Role of M&E in achieving Sustainable Development Goals (SDGs)

Module 2: Designing M&E Frameworks

- Developing logical frameworks and theory of change
- Linking program objectives to measurable outcomes
- Stakeholder analysis for M&E planning
- Case study: M&E framework for a national immunization campaign
- Tools for designing robust M&E systems

Module 3: Indicator Development and Selection

- SMART indicators for process, output, and outcome
- Qualitative vs. quantitative indicators
- Indicator validation techniques
- Case study: Monitoring HIV/AIDS interventions
- Aligning indicators with donor reporting requirements

Module 4: Data Collection Methods

- Surveys, interviews, and focus groups
- Mobile and digital data collection tools
- Sampling strategies for health programs
- Case study: Real-time malaria data collection using mobile apps
- Ensuring data quality at the collection stage

Module 5: Health Data Management

- Data storage, cleaning, and security protocols
- Integrating multiple data sources
- Data privacy and ethical considerations
- Case study: Centralized electronic health records system
- Best practices for health data management

Module 6: Statistical Analysis & Interpretation

- Descriptive and inferential statistics
- Trend analysis and forecasting
- Using R, SPSS, or Excel for health data
- Case study: Analyzing maternal mortality trends
- Translating data into actionable insights

Module 7: GIS & Spatial Analytics in Health M&E

- Introduction to GIS mapping for health programs
- Geospatial data collection and analysis
- Mapping disease outbreaks and service coverage
- Case study: GIS in tracking malaria hotspots
- Visualizing health program performance spatially

Module 8: Monitoring Program Implementation

- Routine monitoring processes
- Developing monitoring checklists and dashboards
- Early warning systems for program gaps
- Case study: Monitoring vaccination coverage in urban slums
- Integrating monitoring results into program management

Module 9: Impact Evaluation Techniques

- Experimental vs. quasi-experimental designs
- Pre- and post-intervention assessments
- Cost-effectiveness evaluation
- Case study: Evaluating a nutrition intervention in schools
- Challenges and solutions in impact evaluation

Module 10: Data Visualization & Dashboarding

- Best practices for dashboards and infographics
- Using Tableau, Power BI, or Google Data Studio
- Communicating complex data to stakeholders
- Case study: Dashboard for national HIV response
- Real-time monitoring dashboards for health programs

Module 11: Reporting & Communication

- Writing clear and actionable M&E reports
- Data storytelling techniques
- Tailoring reports to stakeholders
- Case study: Health program annual performance report
- Disseminating findings for policy influence

Module 12: Quality Assurance in M&E

- Data quality audits and verification
- Continuous improvement processes
- Standard operating procedures (SOPs)
- Case study: Quality assurance in maternal health data
- Reducing errors in large-scale health surveys

Module 13: Ethical Considerations in Health M&E

- Confidentiality, consent, and participant protection
- Ethical approval processes for studies
- Cultural sensitivity in data collection
- Case study: Ethical challenges in HIV research
- Integrating ethics into M&E practices

Module 14: Adaptive Management & Decision-Making

- Using M&E data to inform program adjustments
- Feedback loops and learning mechanisms

- Stakeholder engagement in decision-making
- Case study: Adaptive response to cholera outbreak
- Strategic planning using real-time data

Module 15: Scaling Up & Sustainability

- Strategies for scaling successful interventions
- Institutionalizing M&E systems
- Resource mobilization for sustainability
- Case study: Scaling maternal health initiatives nationwide
- Lessons learned from sustainable health programs

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

Ready to enroll or request a customized program? Book online or contact us:

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