Training Course on Monitoring and Evaluation, Data Management and Analysis for Health Sector Projects

Professional Development Training Course Outline

Category	Monitoring and Evaluation	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Monitoring and Evaluation (M&E) combined with robust data management and analysis is essential for the success of health sector programs. This comprehensive training equips health professionals and program managers with the tools and knowledge to design, implement, and analyze M&E systems tailored to health initiatives. The course focuses on fostering accountability, improving program outcomes, and ensuring efficient resource utilization in health projects.

With the increasing emphasis on evidence-based decision-making, health organizations must build strong M&E and data management systems. This course offers practical insights into managing health data, setting performance indicators, and evaluating program impact. Participants will also explore cutting-edge tools and methodologies for data analysis, enabling them to derive actionable insights that drive health sector improvements.

Effective M&E in the health sector is critical for addressing global health challenges, such as disease outbreaks, maternal and child health, and chronic illnesses. This training emphasizes integrating M&E with data management processes to optimize program design and enhance service delivery. Participants will gain hands-on experience with case studies and real-world scenarios, ensuring the practical application of learned concepts.

Programme Curriculum

Training Course on Monitoring & Evaluation, Data Management & Analysis for Health Projects

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Designed for health professionals, government officials, and NGO staff, this course bridges the gap between theoretical knowledge and practical application. By mastering M&E and data analysis, participants will contribute significantly to improving the quality and impact of health sector programs, aligning with national and global health priorities.

Course Duration

5 Days

Course Objectives

1. Understand the fundamentals of M&E in health sector programs.
2. Learn to design logical frameworks and set health-specific performance indicators.
3. Gain proficiency in health data collection and management techniques.
4. Master data analysis tools and methods relevant to health programs.
5. Evaluate the effectiveness, efficiency, and impact of health interventions.
6. Strengthen skills in report writing and presenting health program findings.
7. Develop systems to track health outcomes and progress toward goals.
8. Address challenges in implementing M&E systems in resource-limited settings.
9. Explore the use of technology in health data management and analysis.
10. Apply M&E concepts through case studies and real-world health scenarios.

Organizational Benefits

1. Improved program accountability and transparency.
2. Enhanced capacity to evaluate the impact of health interventions.
3. Streamlined data management processes for informed decision-making.
4. Strengthened compliance with donor and government reporting requirements.
5. Efficient resource allocation based on evidence-based insights.
6. Increased program effectiveness through data-driven adjustments.
7. Improved ability to meet health sector goals and objectives.
8. Enhanced stakeholder confidence in program outcomes.
9. Development of skilled staff proficient in M&E and data management.
10. Alignment with national and global health standards and priorities.

Target Participants

- Program managers and coordinators in the health sector.
- Monitoring and evaluation officers.
- Data managers and health information officers.
- Health practitioners and administrators.
- Policy-makers and government officials in health departments.
- NGO and CSO staff working in health-related programs.
- Donor agency representatives and health consultants.
- Researchers and academicians in public health.
- IT specialists managing health data systems.

Course Outline

Module 1: Foundations of Monitoring and Evaluation in Health Programs

1. Introduction to M&E principles and concepts.
2. The role of M&E in the health sector.
3. Developing logical frameworks for health interventions.
4. Setting SMART goals and health-specific indicators.
5. Case studies: M&E frameworks in global health programs.

Module 2: Health Data Collection and Management

1. Data collection methods in health programs.
2. Ensuring data quality and integrity.
3. Tools and technologies for health data management.
4. Addressing challenges in data collection in resource-limited settings.
5. Case studies: Health data collection in field programs.

Module 3: Data Analysis for Health Programs

1. Introduction to data analysis tools (Excel, SPSS, STATA, etc.).
2. Analyzing quantitative and qualitative health data.
3. Visualizing health data for effective communication.

4. Interpreting data to inform decision-making.
5. Case studies: Data analysis in disease outbreak responses.

Module 4: Evaluation of Health Sector Programs

1. Types of evaluations (formative, summative, impact).
2. Designing and conducting evaluations in the health sector.
3. Using evaluation findings for program improvement.
4. Challenges in evaluating health interventions.
5. Case studies: Impact evaluation of maternal and child health programs.

Module 5: Reporting and Communicating Health Program Findings

1. Writing and structuring M&E reports.
2. Visualizing results for diverse stakeholders.
3. Strategies for effective communication of findings.
4. Ensuring accuracy and transparency in reporting.
5. Case studies: Reporting results for donor-funded health projects.

Module 6: Integrating Technology in M&E for Health Programs

1. Introduction to digital health tools and platforms.
2. Using mobile technology for data collection and reporting.
3. Leveraging geographic information systems (GIS) for health M&E.
4. Exploring artificial intelligence in health data analysis.
5. Case studies: Technology-enabled M&E in health interventions.

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:

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