M&E of Water and Sanitation Programs Training Course

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

Effective water and sanitation programs are critical for achieving public health, environmental sustainability, and equitable access to safe water services. M&E of Water and Sanitation Programs Training Course equips professionals with cutting-edge skills to design, implement, and assess water and sanitation interventions using data-driven insights, innovative indicators, and performance metrics. Participants will gain expertise in program evaluation, impact assessment, accountability, and results-based management, enabling them to improve service delivery and community outcomes.

In a rapidly evolving sector influenced by climate change, urbanization, and emerging technologies, monitoring and evaluation of water and sanitation programs requires a blend of quantitative and qualitative methodologies, stakeholder engagement, and evidence-based decision-making. This course integrates practical case studies, real-world applications, and interactive exercises to develop participants' capacity to track progress, analyze program performance, and drive sustainable solutions for water access, hygiene, and sanitation improvements.

Programme Curriculum

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Training Objectives

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

1. Apply key M&E concepts to water and sanitation programs.
2. Design effective performance indicators for water and sanitation interventions.
3. Conduct baseline studies and needs assessments for program planning.
4. Utilize data collection tools and digital technologies in M&E.
5. Analyze program data using quantitative and qualitative methods.
6. Evaluate program efficiency, effectiveness, and impact.
7. Implement results-based management (RBM) frameworks.
8. Ensure stakeholder engagement and accountability in M&E processes.
9. Integrate gender, equity, and social inclusion (GESI) considerations.
10. Develop evidence-based recommendations for policy and practice.
11. Conduct risk assessment and adaptive management in program implementation.
12. Communicate findings using data visualization and reporting tools.
13. Strengthen learning and continuous improvement in water and sanitation projects.

Target Audience

1. Water and sanitation program managers
2. M&E officers and specialists
3. Public health professionals
4. Policy makers and government officials
5. NGO and donor program staff
6. Environmental engineers and sustainability officers
7. Researchers and academics in water and sanitation
8. Community development practitioners

Course Modules

Module 1: Introduction to M&E in Water and Sanitation Programs

- Overview of water and sanitation sector challenges
- Core concepts and frameworks of M&E
- Global and regional standards in water service monitoring
- Case Study: Kenya Water and Sanitation Sector Performance Report
- Mapping stakeholders in water programs

Module 2: Program Design and Theory of Change

- Developing program logic models
- Identifying outcomes and outputs
- Linking program objectives to measurable indicators
- Case Study: Urban sanitation improvement in Nairobi slums
- Creating a program logic model for a rural water project

Module 3: Indicators and Data Collection Methods

- Types of indicators: input, output, outcome, impact
- Surveys, interviews, and observation techniques
- Leveraging mobile and digital data collection tools
- Case Study: Water quality monitoring in Kisumu County
- Designing an M&E indicator framework

Module 4: Baseline and Needs Assessment

- Conducting baseline studies
- Community water needs assessments
- Sampling methods and data reliability
- Case Study: Assessing rural water supply gaps in Siaya
- Designing a baseline survey instrument

Module 5: Data Management and Analysis

- Data cleaning, storage, and security
- Quantitative analysis using Excel/SPSS
- Qualitative analysis techniques
- Case Study: Evaluating water supply efficiency in Mombasa
- Analyzing sample water program data

Module 6: Monitoring Program Performance

- Tracking project progress and milestones
- Performance dashboards and scorecards
- Adaptive management strategies
- Case Study: Monitoring sanitation improvement in Kisii County
- Developing a program performance dashboard

Module 7: Evaluation and Impact Assessment

- Types of evaluations: formative, summative, impact
- Cost-benefit and cost-effectiveness analysis
- Attribution vs contribution in program results
- Case Study: Evaluating health outcomes from clean water interventions
- Designing an impact evaluation plan

Module 8: Reporting, Learning, and Knowledge Management

- Data visualization and storytelling
- Preparing actionable reports for stakeholders
- Lessons learned and feedback loops
- Case Study: Knowledge management in national WASH programs

- Creating an M&E report and learning brief

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

Start Date	End Date	Location	Price
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