MAGNA SKILLS DEVELOPMENT INSTITUTE

Capacity Building • Professional Training • Organisational Development

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Course Profile Document

Safety, Health and Environment (SHE)

TB/HIV Data Interpretation

Prepared as a professional course profile for delegate review, sponsorship approval and organisational training planning.

COURSE CODE	DELIVERY	DURATION	PREPARED FOR
MSDI	**Online / Face-to-Face**	**Flexible**	**Organisation Approval**

Register for this Course **View Online Course Page**

Course Overview

The TB/HIV Data Interpretation Course offered by Magna Skills is designed to equip healthcare professionals, researchers, and program managers with the essential skills to analyze and interpret data related to tuberculosis (TB) and HIV. This course covers key concepts in data collection, statistical analysis, data visualization, and the use of data for decision-making in TB and HIV programs. Participants will learn how to turn data into actionable insights to improve program outcomes and inform policy decisions.

Course Outcomes

- **Understanding Data Collection Methods:** Learn about the different methods for collecting TB/HIV data and the importance of data quality.
- **Data Analysis Techniques:** Gain skills in statistical analysis and interpretation of TB/HIV data using various software tools.
- **Data Visualization:** Develop techniques for effectively visualizing TB/HIV data to communicate findings clearly and concisely.
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Evidence-Based Decision Making: Understand how to use data to inform program planning, implementation, and policy-making.

- **Reporting and Dissemination:** Learn best practices for reporting and disseminating TB/HIV data to stakeholders and the wider community

Course Outline / Curriculum

Module 1: Introduction to TB/HIV Data

- Overview of TB and HIV epidemiology
- Importance of data in TB/HIV program management
- Key data sources and indicators

Module 2: Data Collection Methods

- Methods for collecting TB/HIV data
- Ensuring data quality and integrity
- Common challenges in TB/HIV data collection

Module 3: Basic Statistical Analysis

- Descriptive statistics and summary measures
- Introduction to inferential statistics
- Using statistical software for data analysis

Module 4: Advanced Data Analysis Techniques

- Multivariate analysis
- Survival analysis
- Handling missing data and data imputation

Module 5: Data Visualization and Presentation

- Principles of effective data visualization
- Tools for creating charts, graphs, and dashboards
- Interpreting and presenting data visually

Module 6: Data Interpretation and Insights

- Translating data into actionable insights
- Identifying trends and patterns in TB/HIV data
- Case studies and real-world examples

Module 7: Using Data for Decision Making

- Evidence-based decision making in TB/HIV programs
- Developing data-driven strategies and interventions
- Evaluating program impact using data

Module 8: Reporting and Dissemination

- Best practices for reporting TB/HIV data
- Writing clear and concise data reports
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Disseminating findings to stakeholders and the community

Module 9: Data Quality Assurance

- Techniques for ensuring data accuracy and reliability
- Conducting data quality audits
- Continuous quality improvement in data management

Module 10: Practical Applications and Case Studies

- Hands-on exercises in data analysis and interpretation
- Case studies of successful TB/HIV data use
- Group discussions and feedback sessions

Who Can Attend:

- Healthcare professionals involved in TB/HIV care and treatment
- Public health officials and program managers
- Epidemiologists and data analysts
- Researchers and academicians in the field of infectious diseases
- NGO and civil society members working on TB/HIV programs
- Students in public health and related fields

Summary: The TB/HIV Data Interpretation Course provides participants with the knowledge and skills needed to effectively collect, analyze, and interpret data related to TB and HIV. Through a blend of theoretical learning, practical exercises, and real-world case studies, participants will gain a comprehensive understanding of data management and its application in improving program outcomes. This course is ideal for professionals and stakeholders involved in TB/HIV care, program management, and policy-making, aiming to leverage data for better decision-making and impact

Target Audience

HIV/AIDS Counselling & Youth Sexuality

Key Course Benefits

Work-Ready Skills

Delegates leave with practical tools, templates and methods they can apply immediately at work.

Better Institutional Results

The programme supports stronger planning, reporting, compliance, accountability and service delivery.

Sponsor-Friendly

This document is designed to help supervisors, HR units and sponsors approve delegate participation quickly.

Professional Recognition

Delegates receive training documentation and a certificate of completion after successful participation.

Our Training Centres & Delivery Options

Magna Skills offers flexible delivery through face-to-face training centres across Africa and beyond, plus Online / E-Learning for delegates who prefer remote participation.

Southern Africa

Practical training destinations with strong travel access and delegate support.

- Pretoria, South Africa
- Vic Falls, Zimbabwe
- Livingstone, Zambia

East Africa

Popular regional centres for government, NGO and donor-funded project teams.

- Kigali, Rwanda
- Kampala, Uganda
- Nairob
- Zanzibar, Tanzania

West Africa & Islands

Strategic locations for regional networking and executive capacity building.

- Accra, Ghana
- Port Louis, Mauritius

International Executive Venue

Premium destination training for senior teams and international delegates.

- Dubai, United Arab Emirates

Online / E-Learning

Attend from anywhere through live online, blended or self-paced learning options.

- Online, E-Learning
- Remote Teams
- Flexib

Organisation-Based Training

Magna Skills can also arrange dedicated in-house training for ministries, NGOs and companies.

- Onsite
- Custom Dates
- Group Training

Ready to Nominate Delegates?

Use the links below to register, review the live course page or contact Magna Skills for organisation-based training support.

Register / Apply Online | **View Full Course Page**

About Magna Skills

Magna Skills Development Institute provides practical capacity building programmes for government departments, NGOs, public institutions, donor-funded projects and private sector professionals across Africa. Our training approach combines expert facilitation, real workplace case studies, practical tools, post-training support and professional documentation that helps organisations strengthen staff performance and service delivery.

Government Training | NGO Capacity Building | Corporate Workshops | Online Learning | Face-to-Face Training | Certifica

Approval & Authorisation Form

This section may be completed by the organisation, department, HR office, finance office or sponsor approving delegate participation. It can be attached to an internal memo, procurement request or training approval submission.

Organisation / Department	
Delegate Name(s)	
Approved Course	TB/HIV Data Interpretation
Preferred Delivery Mode	☐ Online ☐ Face-to-Face ☐ Organisation-Based Training
Preferred Training Venue / Date	
Estimated Number of Delegates	
Budget / Vote Number	
Contact Person	
Email / Mobile	

Authorised Name _____ Signature / Stamp _____ Date _____