MAGNA SKILLS DEVELOPMENT INSTITUTE

Capacity Building • Professional Training • Organisational Development

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Course Profile Document

Accounting, Finance and Budgeting

Statistical Analysis for Poverty Modeling & Analysis

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

COURSE CODE	DELIVERY	DURATION	PREPARED FOR
MSD2533	**Online / Face-to-Face**	**Flexible**	**Organisation Approval**

Register for this Course

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Course Overview

The objective of this training course was to introduce participants to the tools and methods for the analysis of poverty using household survey data. Particular emphasis was given to poverty dynamics and intertemporal aspects of poverty measurement and modeling. Hands-on applications using the Stata software were conducted to facilitate later use of the tools presented in the course. References were provided to participants, drawing on seminal and recent works on poverty measurement and analysis.

Course Outcomes

- measure and interpret static poverty measures using household survey data;
- measure and model poverty dynamics using longitudinal survey data;
- distinguish poverty from vulnerability;
- measure pro-poor growth;
- understand the basics of poverty monitoring and impact evaluation.

Course Outline / Curriculum

Review Of The Basics Of Poverty Measurement

- Introduction: What is poverty? Why measuring poverty?
- Defining a measure of welfare
- Setting the poverty line
- Aggregating individual information: FGT index, Sen Index, Watts index

Poverty Dynamics

- Introduction: How to describe poverty dynamics
- Trigger Events
- Chronic and Transient Poverty
- Measures of persistent poverty
- Data Issues: repeated cross-section, panel data.
- Modeling poverty dynamics: transition and duration models, variance components models
- Indicators of inter-temporal Poverty

Vulnerability To Poverty

- Definition and sources of vulnerability
- Measurement Issues

Non-Monetary Dimensions Of Poverty

- Multidimensional aspects of poverty
- Measurement Issues

Poverty Monitoring And Evaluation

- Introduction: monitoring versus impact evaluation
- The different steps of an impact evaluation
- The challenge of the counterfactual

Pro-Poor Growth

- Definition
- Measures
- The repeated cross-section approach
- The panel data approach

Target Audience

The course level was appropriate for participants with background in economics, statistics, mathematics, and/or public policy. A strong background in quantitative analysis was required. Basic knowledge of the Stata statistical software was desirable.

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	Statistical Analysis for Poverty Modeling & Analysis
Preferred Delivery Mode	☐ Online ☐ Face-to-Face ☐ Organisation-Based Training
Preferred Training Venue /Date	
Estimated Number ofDelegates	
Budget / Vote Number	
Contact Person	
Email / Mobile	

Authorised Name _____ Signature / Stamp _____ Date _____