



Institute for Capacity Development

Suite 3B, Third Floor, Capital Centre Building, Werner List Street, Windhoek, Namibia;
PO Box 10193, Khomasdal, Windhoek, Namibia;
Phone: +264-61-401445; Fax: +264-61-401446; Cell: +264-81-3866883; Cell, +264-81-4219013;
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Website: www.icdtraining.com

Macro-econometric Modelling and Forecasting

Course Objectives

On completion of programme participants should:

- Know the policy planning process
- Know Linkages between planning and econometrics
- Understand the stochastic process in policy implementation
- Know how to deal with stochastic variables in planning and implementation
- Understand the application of econometrics packages (PC-GIVE, SPSS) in planning and forecasting

Target Groups

- Economists
- Statisticians
- Economic policy planners
- Senior Managers in Government
- Economic policy Analysts

Applicants should have a minimum of a degree in Economics or Statistics or equivalent with minimum modules in statistics and mathematics.

Course Outline

- Management Principles
- Policy planning process
- Overview of forecasting and forecasting process
- Data collection and preparation
- Data mining and estimation procedures
- Planning and regression analysis
- The stochastic process and its implication on planning
- The failure of regression in planning and effect on policy
- Violation of Ordinary Least Squares Assumptions and the applicability of forecasting
- Evaluation of forecasting techniques
- Fundamentals of economic modelling
- Quantitative modelling–econometrics
- Quantitative modelling–time-series smoothing
- Practice of forecasting using regression, ARIMA and ARMA models
- The stochastic process and its implication on planning
- Implementation of forecasting
- Planning and regression analysis
- New models of planning and econometric planning

- Use of generated information in planning and its effect on policy research
- Computer applications
- Econometric application and policy formulation and implementation
- Database Management
- Action Planning

Dates: 14th – 25th November 2011

Duration: 2 Weeks

Course Costs: US\$3350

Venue: Windhoek, Namibia



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Application/NominationForm

Organisation _____

Department _____

Emailaddress _____

Postal address _____

Phone numbers _____

CourseTitle/ Code _____

Attendance Month/ Dates _____

	Surname	First Name	Position	Email
Delegate 1				
Delegate 2				
Delegate 3				
Delegate 4				
Delegate 5				
Delegate 6				

Attach a separate list in cases where the delegates are more than six (Applications can also be submitted online or by email).

ExpectedBenefits fromparticipation _____

Authorised Signature: _____ Position _____ Date: _____