



# Institute for Capacity Development (ICD)

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## Tax Analysis and Revenue Forecasting

### Course Objectives

Upon successful completion of this course participants should be able to:

- Review econometric techniques for revenue forecasting
- Apply simple time bound excel based forecasting
- Use EViews/Stata to prepare revenue forecasts
- Prepare medium-term revenue forecast for budgeting
- Enhance knowledge and skills required for revenue forecasting
- Apply forecasting and simulation in policy planning
- Apply Excel based revenue and expenditure forecasting.

### Target Group

- Economists
- Statisticians
- Economic policy planners
- Senior Managers in Government
- Revenue Officers
- Research Analysts
- Development Officers

### Course Outline

- General management principles and practices
- Understanding the role of public financing
- Policy Objectives and public service delivery
- Overview of fiscal budgeting
- Expenditure and revenue Analysis
- Value-added tax, excises
- Trade tax
- Personal income taxes
- Corporate income taxes
- Taxes on natural resources
- Monitoring of Revenue Collection
- Evaluation of Economic, Structural and Revenue Aspects of Tax Policy

- Evaluation of the Impact of Non-Tax Economic Policies
- Points of Tax Impact
- Tax Elasticity and Buoyancy
- Fiscal budgeting and Revenue forecasts
- Revenue forecasting
- Macro Foundations of Revenue Forecasting
- Macroeconomic models
- GDP-based forecasting models
- Regression analysis
- Forecasting major tax revenue components
- Revenue forecasting process
- Revenue portfolio analysis
- Forecasting of Future Tax Revenues
- Quantitative revenue forecasting methods
- Evaluation of forecasting techniques
- Practice of forecasting using regression, ARIMA and ARMA models
- Implementation of forecasting
- Monitoring revenue projections
- Action Planning

Dates: 04<sup>th</sup> – 15<sup>th</sup> March 2024

Duration: 2 weeks

Course Costs: US\$3150

Venue: Pretoria, RSA