MAGNA SKILLS DEVELOPMENT INSTITUTE

Capacity Building • Professional Training • Organisational Development

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Course Profile Document

Accounting, Finance and Budgeting

Financial Modeling

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

This **Financial Modeling Course**, offered by **Magna Skills**, provides participants with the practical knowledge and analytical skills required to build, interpret, and apply financial models for business, project, and investment decision-making. The course blends financial theory with hands-on spreadsheet modeling techniques used by professionals in corporate finance, banking, government, and international development institutions.

Participants will learn to develop robust models for forecasting, budgeting, valuation, scenario analysis, and risk assessment. The program also emphasizes accuracy, transparency, and effective communication of model outputs to support management decisions. Through real-world examples, templates, and guided exercises, participants will gain the confidence to construct dynamic financial models aligned with global best practices.

Magna Skills ensures a **practical and interactive learning experience**, enabling participants to return to their organizations with ready-to-use financial tools for enhanced planning and performance analysis.

Course Outcomes

1. By the end of this course, participants will be able to:
    1. Understand the fundamental principles and purpose of financial modeling in business and project contexts.
    2.

Build structured and dynamic financial models using spreadsheet tools (Excel or Google Sheets).

3. Apply models to analyze financial statements, cash flows, and business performance.
4. Conduct scenario, sensitivity, and valuation analyses to support decision-making.
5. Present model results effectively to stakeholders for strategic planning and investment evaluation.

Course Outline / Curriculum

1. **Introduction to Financial Modeling**
   - What is financial modeling and why it matters
   - Types of models (forecasting, valuation, budgeting, feasibility)
   - Key characteristics of effective models
2. **Structuring a Financial Model**
   - Model planning and design principles
   - Linking assumptions, inputs, and outputs
   - Spreadsheet best practices and formula accuracy
3. **Understanding Financial Statements**
   - Review of income statements, balance sheets, and cash flow statements
   - Relationships among financial statements
   - Building a fully linked 3-statement model
4. **Forecasting Techniques**
   - Revenue and cost projections
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- Growth assumptions and drivers
- Inflation, taxation, and working capital considerations

5. **Modeling Cash Flows**
   - Operating, investing, and financing cash flows
   - Free cash flow calculation
   - Adjusting for non-cash and one-off items
6. **Scenario and Sensitivity Analysis**
   - What-if scenarios and data tables
   - Stress-testing assumptions
   - Presenting different business cases
7. **Valuation and Investment Appraisal**
   - Discounted Cash Flow (DCF) modeling
   - Net Present Value (NPV), Internal Rate of Return (IRR), and Payback analysis
   - Evaluating project and investment feasibility
8. **Risk Analysis and Model Validation**
   - Identifying and managing modeling risks
   - Error checking and version control
   - Auditing and reviewing financial models
9. **Visualization and Reporting**
   - Using dashboards and charts for model outputs
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- Creating professional reports for management
- Effective presentation of key findings

10. **Case Studies and Practical Exercises**

- Building a project finance model from scratch
- Modeling for SMEs, NGOs, and government projects
- Final group exercise: developing and presenting a financial model

Target Audience

- Any functional line managers working with finances, public money, budgets, supply chain management, asset control or strategic planning in the public or municipal sectors; including parastatals and/or municipal entities.
- Entry-level budget and/or strategic planning experts in the government and municipal sectors. (There are other, more advanced financial management and budgeting short learning programmes registered that cater for CFOs and more advanced experts in the field of financial, budgetary and/or strategic planning in the broader public sector domain).
- Municipal Councilors.
- Personnel of government and municipal sector institutions working in a financial or budgetaryrelated capacity.

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
- Nairobi,
- 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
- Flexit

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	Financial Modeling
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 _____