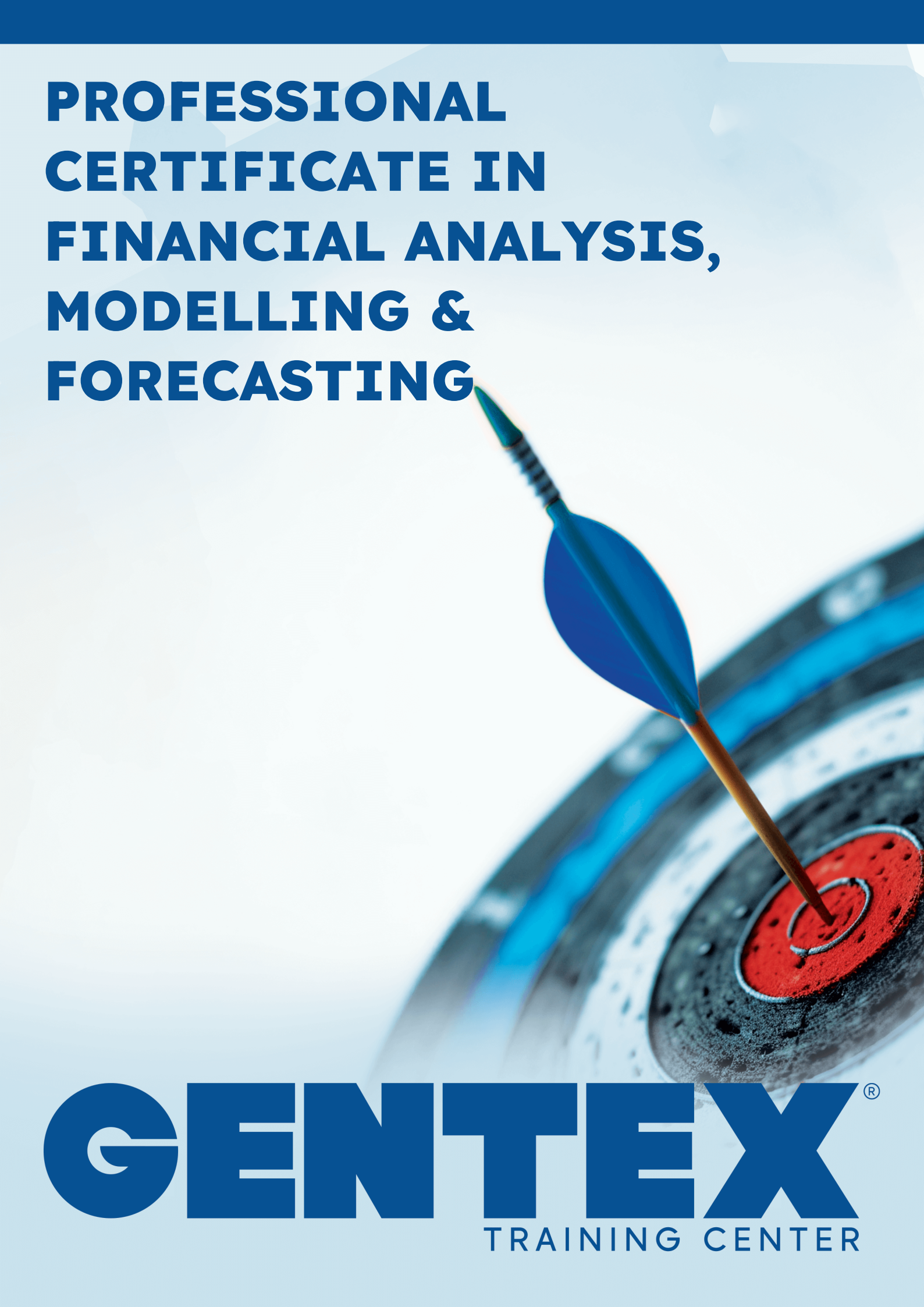
PROFESSIONAL CERTIFICATE IN FINANCIAL ANALYSIS, MODELLING & FORECASTING



GENTEX®
TRAINING CENTER

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Introduction

Professional Certificate in Financial Analysis, Modelling & Forecasting Training Course develops the three connected skills that finance professionals use to drive decisions. Participants learn how to read statements critically, build models that hold up under review and produce forecasts that stand up to challenge. The programme covers ratio and cash flow analysis, model design in Excel, three-statement modelling, budgeting and rolling forecasts, valuation and scenario analysis. Furthermore, it addresses error control, documentation and reporting to management. As a result, delegates can build a model from a blank sheet and forecast with discipline. Gentex Training Center delivers the programme through live Excel workshops and applied case work.

Professional Certificate in Financial Analysis, Modelling & Forecasting Course Objectives

- Apply ratio, trend and cash flow analysis to financial statements.
- Design clean Excel models with separated inputs, calculations and outputs.
- Build integrated three-statement models in Excel.
- Apply core functions including IF, SUMIFS, INDEX, MATCH, CHOOSE and OFFSET.
- Construct budgets, rolling forecasts and driver-based plans.
- Apply valuation using NPV, IRR, XIRR and MIRR functions.
- Perform scenario and sensitivity analysis with data tables and tornado charts.
- Apply forecast accuracy measurement and variance review.
- Build error checks, audit trails and documentation standards.
- Present model outputs through dashboards and executive summaries.

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Course Methodology

The course combines concise briefings with extensive hands-on Excel workshops and guided case work. Participants build live models on their own laptops, then review and correct them using structured checks. In addition, structured peer review reinforces good practice, and every day closes with a practical modelling exercise.

Who Should Take This Course

- Financial analysts, accountants and finance officers.
- Budgeting, planning and management reporting professionals.
- Investment, credit and corporate finance staff.
- Business analysts and commercial managers.
- Auditors and controllers who review financial models.
- Consultants and managers relying on spreadsheet analysis.

Professional Certificate in Financial Analysis, Modelling & Forecasting Course Outlines

Day 1: Financial Statement Analysis

- Primary statements and their interrelationships.
- Ratio analysis: profitability, liquidity, efficiency and gearing.
- DuPont decomposition and return on capital analysis.
- Cash flow statement analysis and free cash flow calculation.
- Trend, common size and peer comparison techniques.
- Accounting policy implications for analysis.

- Workshop: analysing a listed company's annual report.

Day 2: Model Design and Excel Technique

- Model structure: inputs, calculations, outputs and navigation.
- Keyboard shortcuts, named ranges and reference discipline.
- Core functions: IF, AND, OR, SUMIFS, COUNTIFS and IFERROR.
- Lookup functions: VLOOKUP, INDEX, MATCH and XLOOKUP.
- Formatting standards, colour coding and unit conventions.
- Error checks, circular reference handling and formula auditing.
- Workshop: building a structured model template from a blank workbook.

Day 3: Three-Statement Modelling

- Linking profit and loss, balance sheet and cash flow statements.
- Working capital, depreciation, debt schedules and interest calculations.
- Balancing checks and common reconciliation errors.
- Free cash flow for valuation and covenant purposes.
- Scenario switches using CHOOSE, INDEX and dropdown controls.
- Documentation schedules and assumption registers.
- Workshop: building a three-statement model with a valuation summary.

Day 4: Budgeting, Forecasting and Variance Review

- Translating business drivers into model assumptions.
- Operating, cash, capital and rolling budgets.
- Seasonal patterns, indexation and step cost treatment.
- Forecast accuracy measurement and variance investigation.

- Flexible budgeting and reforecasting practice.
- Management reporting schedules from model outputs.
- Workshop: constructing a twelve-month rolling forecast model.

Day 5: Valuation, Scenarios and Model Presentation

- Discounted cash flow valuation using NPV, IRR, XIRR and MIRR.
- WACC, terminal value and mid-year discounting conventions.
- One-way and two-way data tables and tornado charts.
- Monte Carlo simulation for probabilistic forecasting.
- Building a one-page executive summary dashboard.
- Presenting and defending model assumptions under challenge.
- Workshop: reviewing, correcting and presenting a full financial model.

Conclusion

By successfully completing Professional Certificate in Financial Analysis, Modelling & Forecasting Training Course, participants will have acquired the knowledge to analyse statements, build robust models and produce credible forecasts. They will understand ratio and cash flow analysis, three-statement modelling, budgeting, valuation and scenario testing, and they will know how to document assumptions that withstand review. As a result, delegates work faster and with greater confidence. Gentex Training Center builds the programme around practical, workplace-ready modelling skills.

FAQs for the Professional Certificate in Financial Analysis, Modelling & Forecasting course

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Q1 What is the "Professional Certificate in Financial Analysis, Modelling & Forecasting" course about?

It develops analysis, modelling and forecasting skills in one programme. You learn ratio and cash flow analysis, Excel model design, three-statement modelling, budgeting and rolling forecasts, valuation and scenario testing, with live spreadsheet workshops.

Q2 What are the key benefits of the "Professional Certificate in Financial Analysis, Modelling & Forecasting" course?

You gain faster and more accurate financial analysis, fewer spreadsheet errors, and the confidence to build models from scratch. You also improve forecast reliability, strengthen management reporting, and challenge the models you inherit with structured checks.

Q3 What skills will I gain from the "Professional Certificate in Financial Analysis, Modelling & Forecasting" course?

You will gain financial statement and cash flow analysis, Excel financial model design and construction, budgeting, rolling forecasting and variance review, and valuation and scenario analysis.

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Q4 What tools, methods, or standards are covered in the "Professional Certificate in Financial Analysis, Modelling & Forecasting" course?

The course covers ratio and DuPont analysis, free cash flow calculation, Microsoft Excel functions including IF, SUMIFS, INDEX, MATCH, XLOOKUP, CHOOSE, OFFSET, NPV, IRR, XIRR and MIRR, three-statement model linking, working capital and debt schedules, one-way and two-way data tables, tornado charts, Monte Carlo simulation, WACC and terminal value, and error check and documentation standards.

Q5 How is the "Professional Certificate in Financial Analysis, Modelling & Forecasting" course applied in real-world practice?

Graduates apply it to analyse company performance and peers, prepare annual budgets and rolling forecasts, build valuation and appraisal models, test how sensitive results are to key assumptions, automate monthly reporting packs, and review and correct models prepared by colleagues.