FINANCIAL ANALYSIS & CONTROL FOR PROJECT MANAGERS



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TRAINING CENTER

GENTEX Training Center LLC | Orlando - FL, USA
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Introduction

Financial Analysis & Control for Project Managers Training Course builds the financial control capability that project managers need to protect project margin and justify their costs. Project managers own schedules, scope, and quality, yet their results are also judged on cost and cash. Without financial control, projects drift: costs overrun quietly, forecasts lose credibility, and the business case that justified the project no longer holds. This course develops the control discipline that prevents that drift. It covers project finance basics, cost estimating, and budgeting. Furthermore, it applies cost control, earned value analysis, and variance reporting. In addition, it develops cash flow, forecasting, and business case work. As a result, participants control project finances with confidence.

Financial Analysis & Control for Project Managers Course Objectives

- Explain project financial structures and cost classification.
- Apply cost estimating techniques and accuracy ranges.
- Build project budgets and cost baselines.
- Apply commitment accounting and purchase order control.
- Apply earned value management using PV, EV, AC, CPI, and SPI.
- Analyse cost variances and forecast estimates at completion.
- Manage project cash flow and funding requirements.
- Apply financial analysis to project business cases.
- Apply risk analysis and contingency planning for project budgets.
- Prepare project financial reports and control dashboards.

Course Methodology

- Interactive lectures with real project cost and control cases.

- Cost estimating and budgeting workshops.
- Earned value and variance analysis exercises.
- Cash flow, risk, and business case practice.
- Structured peer review with facilitator feedback on project controls.

Who Should Take This Course

- Project managers and project directors.
- Project controls and planning engineers.
- Cost engineers and quantity surveyors.
- PMO staff and programme controllers.
- Engineering and construction project staff.
- Consultants advising on project financial control.

Financial Analysis & Control for Project Managers Course Outlines

Day 1: Project Finance Fundamentals

- Project versus company financial perspective.
- Cost classification: direct, indirect, fixed, and variable.
- Cost codes, cost centres, and WBS alignment.
- Contract types: lump sum, remeasured, cost plus, and EPC.
- Financial responsibilities across the project team.
- Project financial reporting structures.
- Case study: mapping project costs to the work breakdown structure.

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Day 2: Cost Estimating and Budgeting

- Estimating methods and accuracy ranges.
- Bottom-up, parametric, and analogous estimating.
- Contingency and management reserve design.
- Project budget preparation and cost baseline setting.
- Commitment accounting and purchase order control.
- Variation orders and change control process.
- Workshop: building a project budget and cost baseline.

Day 3: Earned Value and Cost Control

- Earned value management principles and setup.
- Planned value, earned value, and actual cost calculation.
- Cost performance index and schedule performance index.
- Cost and schedule variance analysis.
- Estimate at completion and estimate to complete.
- Forecasting methods and corrective action planning.
- Workshop: performing an earned value analysis.

Day 4: Cash Flow, Risk, and Contingency

- Project cash flow forecasting and S-curve analysis.
- Client billing, certification, and collection management.
- Retention, advance payment, and performance bond treatment.
- Project financial risk identification and assessment.
- Contingency planning and reserve drawdown rules.

- Sensitivity analysis on project cost drivers.
- Workshop: building a project cash flow forecast and risk plan.

Day 5: Business Cases and Financial Reporting

- Business case structure and benefit quantification.
- Investment appraisal using NPV, IRR, and payback.
- Options analysis and do-nothing comparison.
- Project financial reports and control dashboards.
- Reporting to sponsors, steering committees, and finance.
- Lessons learned and close-out financial review.
- Course review, assessment, and action planning.

Conclusion

By successfully completing Financial Analysis & Control for Project Managers, participants will gain a thorough understanding of project finance fundamentals, cost estimating and budgeting, earned value and cost control, cash flow, risk and contingency, and business cases and financial reporting. They will also acquire practical skills in project cost classification and estimating, project budgeting and cost baseline management, earned value analysis and cost variance control, and project cash flow, risk and financial reporting. In addition, the course prepares them to protect project margin with disciplined financial control and defensible reporting. Gentex Training Center delivers this programme with a strong focus on applied project financial control and decision-ready reporting.

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FAQs for Financial Analysis & Control for Project Managers course

Q1 What is the "Financial Analysis & Control for Project Managers" course about?

It is a five-day programme on the financial control of projects. It covers project finance fundamentals, cost estimating and budgeting, earned value and cost control, cash flow and risk, and business cases and financial reporting.

Q2 What are the key benefits of the "Financial Analysis & Control for Project Managers" course?

Participants protect project margin with stronger financial control. The course improves cost estimating and baseline setting, sharpens earned value and variance analysis, strengthens cash flow forecasting and billing discipline, improves contingency and risk planning, and raises project financial reporting quality.

Q3 What skills will I gain from the "Financial Analysis & Control for Project Managers" course?

Participants gain project cost classification and estimating, project budgeting and cost baseline management, earned value analysis and cost variance control, and project cash flow, risk and financial reporting. These four skills cover the practical core of project financial control work.

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Q4 What tools, methods, or standards are covered in the "Financial Analysis & Control for Project Managers" course?

The course covers project versus company financial perspective analysis, direct, indirect, fixed and variable cost classification, cost codes and WBS alignment, lump sum, remeasured, cost plus and EPC contract types, estimating methods and accuracy ranges, bottom-up, parametric and analogous estimating, contingency and management reserve design, project budget preparation and cost baseline setting, commitment accounting and purchase order control, variation orders and change control, earned value management setup, planned value, earned value and actual cost calculation, cost performance index and schedule performance index, cost and schedule variance analysis, estimate at completion and estimate to complete, corrective action planning, project cash flow forecasting and S-curve analysis, client billing, certification and collection management, retention, advance payment and performance bond treatment, project financial risk identification, contingency planning and reserve drawdown rules, sensitivity analysis on cost drivers, business case structure and benefit quantification, Net Present Value, internal rate of return and payback analysis, options analysis and do-nothing comparison, project financial reporting and control dashboard design, and close-out financial review.

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Q5 How is the "Financial Analysis & Control for Project Managers" course applied in real-world practice?

Participants apply the methods to real and simulated projects. They map project costs to the WBS, prepare estimates and cost baselines, set contingency and management reserves, control commitments and variation orders, calculate PV, EV and AC, interpret CPI and SPI, run variance analysis, forecast estimate at completion, build project cash flow forecasts and S-curves, manage billing and collections, identify project financial risks and set contingency drawdown rules, run sensitivity analysis on cost drivers, prepare business cases with NPV and IRR, and report to sponsors and steering committees. Many leave with a project budget and cost baseline template, an earned value workbook, and a project financial reporting dashboard structure ready to use.