MANAGING PROJECT CONTROL



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Introduction

Managing Project Control is a practical Training Course that teaches professionals how to measure, monitor, and steer projects from kick-off to closure. Participants learn to build control baselines, track cost and schedule performance, and act on early warning signals before problems grow. The course links planning data to real decisions, so teams know exactly where a project stands at any moment. Furthermore, it covers earned value management, change control, and quality assurance in one integrated system. As a result, participants leave with a control framework that protects budgets, timelines, and scope on live projects.

Managing Project Control Course Objectives

- Establish integrated baselines for scope, schedule, and cost.
- Apply earned value management (EVM) to measure project performance.
- Calculate and interpret CPI, SPI, and variance at completion (VAC).
- Build and maintain a project control dashboard with clear KPIs.
- Operate a formal change control process with impact assessment.
- Use S-curves and forecasting methods to predict final outcomes.
- Manage a risk register and link risks to contingency reserves.
- Apply progress measurement rules such as the 0/100 and 50/50 methods.
- Run quality control checks against agreed acceptance criteria.
- Prepare accurate progress reports for sponsors and steering committees.

Course Methodology

- Workshop-based sessions built on real project control data sets.
- Guided practice with EVM calculations and S-curve forecasting.
- Simulation exercises on change requests and schedule recovery.

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- Group review of participant dashboards and reports.
- Case studies from construction, IT, and engineering projects.
- Template-driven action planning for immediate workplace use.

Who Should Take This Course

- Project managers and project engineers.
- Project control and planning engineers.
- Cost control and quantity surveying specialists.
- PMO analysts and reporting officers.
- Programme coordinators tracking multiple workstreams.
- Team leaders responsible for project performance and reporting.

Managing Project Control Course Outlines

Day 1: Foundations of Project Control

- The project control cycle: plan, measure, compare, act.
- Defining control baselines and scope statements.
- Work breakdown structure and control accounts.
- Roles of the project manager, planner, and cost controller.
- Control in predictive, agile, and hybrid projects.
- Key control documents and their purpose.
- Setting control thresholds and tolerances.

Day 2: Schedule Control and Progress Measurement

- Building a schedule baseline with critical path analysis.

- Progress measurement rules: 0/100, 50/50, and percent complete.
- Tracking milestones and float consumption.
- Schedule variance analysis and delay causes.
- Recovery planning and corrective schedules.
- Rolling wave updates and re-baselining rules.
- Reporting schedule status with Gantt and milestone charts.

Day 3: Cost Control and Earned Value Management

- Cost baseline, budget, and funding requirements.
- Planned value, earned value, and actual cost concepts.
- Calculating CPI, SPI, CV, and SV.
- Estimate at completion (EAC) and VAC forecasting.
- S-curves and cost performance reporting.
- Contingency and management reserve control.
- Cash flow forecasting and commitment tracking.

Day 4: Change, Risk, and Quality Control

- Change control process and change request forms.
- Impact assessment on scope, cost, and schedule.
- Change control board and approval authority.
- Risk register updates and risk response tracking.
- Quality control plans against acceptance criteria.
- Inspections, audits, and non-conformance handling.
- Lessons learned and control improvement loops.

Day 5: Reporting, Governance, and Corrective Action

- Designing a one-page project control dashboard.
- Selecting KPIs for cost, schedule, and risk.
- Variance reporting and root cause analysis.
- Escalation paths and governance structures.
- Running effective progress review meetings.
- Stakeholder reporting styles and formats.
- Building a personal control implementation plan.

Conclusion

By successfully completing Managing Project Control, participants will gain a complete method for measuring and steering project performance. They will have acquired practical skills in earned value management, schedule and cost control, change management, and progress reporting. In addition, they will know how to turn control data into confident decisions. Gentex Training Center builds this course so professionals can apply disciplined project control from the very next working day.

FAQs for the Managing Project Control course

Q1 What is the "Managing Project Control" course about?

It is a five-day programme on measuring and steering project performance. It explains how to build control baselines, track schedule and cost with earned value management, manage changes and risks, and report status that supports timely decisions.

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Q2 What are the key benefits of the "Managing Project Control" course?

Participants detect cost and schedule drift early, before it affects delivery. They improve forecasting accuracy, reduce unapproved scope changes, and strengthen governance. Organisations gain more predictable budgets, cleaner reporting, and fewer surprises at project closure.

Q3 What skills will I gain from the "Managing Project Control" course?

You will gain baseline and performance measurement, earned value analysis and forecasting, change and risk control, and progress reporting and corrective action.

Q4 What tools, methods, or standards are covered in the "Managing Project Control" course?

The course covers earned value management, CPI and SPI analysis, S-curves, critical path analysis, work breakdown structures, control accounts, the 0/100 and 50/50 progress rules, change request forms, risk registers, and the PMBOK control processes.

Q5 How is the "Managing Project Control" course applied in real-world practice?

Participants apply it by maintaining project dashboards, running monthly progress reviews, processing change requests, and forecasting cost at completion. Control teams in construction, IT, and engineering use these methods to keep projects within budget and on schedule.