COMPREHENSIVE PROJECT MANAGEMENT



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TRAINING CENTER

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Info@gentextraining.com

Introduction

Comprehensive Project Management examines the full project life cycle from charter to closure within one connected method. This Training Course covers scope, schedule, cost, quality, resource, communications, risk, procurement, and stakeholder management. Participants study the PMBOK Guide performance domains, PRINCE2 principles and processes, predictive, agile and hybrid delivery, work breakdown structures, Gantt charts and critical path scheduling, earned value management with SPI, CPI and TCPI, Monte Carlo cost and schedule risk analysis, RACI responsibility assignment, procurement strategy and contract types, quality planning and control, KPI dictionaries with formula, source, owner and frequency, Statistical Process Control with control charts and run rules, and benefits realisation and lessons learned practice. Furthermore, the programme connects each knowledge area to delivery through integrated planning labs, risk workshops, and governance review simulations. As a result, delegates leave able to run projects with one consistent method.

Comprehensive Project Management Course Objectives

- Apply the PMBOK Guide performance domains across the project life cycle.
- Apply PRINCE2 principles, themes, and processes appropriately.
- Select predictive, agile, or hybrid delivery by project context.
- Build integrated scope, schedule, cost, and resource baselines.
- Apply earned value management with SPI, CPI, and TCPI.
- Plan and control quality with inspection, sampling, and control charts.
- Quantify risk with Monte Carlo analysis and derive contingency.
- Design procurement strategies and manage contract types.
- Govern communications, stakeholders, and team performance.
- Close projects, capture lessons learned, and realise benefits.

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Course Methodology

- Interactive workshops using real project files and schedules.
- Integrated planning and baseline construction labs.
- Earned value, quality, and risk analysis exercises.
- Procurement and communication planning workshops.
- Governance review and lessons learned simulations.
- Action planning that converts each session into a workplace commitment.

Who Should Take This Course

- Project managers and project coordinators.
- Programme and portfolio managers.
- PMO analysts and project control specialists.
- Planning and cost engineers.
- Team leaders moving into project management.
- Quality and procurement staff on projects.
- Staff new to formal project management method.

Comprehensive Project Management Course Outlines

Day 1: Project Foundations and Life Cycle

- The PMBOK Guide performance domains and process groups.
- PRINCE2 principles, themes, and processes.
- Predictive, agile, and hybrid delivery selection criteria.
- Project charter, business case, and governance structure.

- Roles, responsibilities, and decision rights.
- Common failures: weak sponsorship, no baseline, method theatre.
- Building the project foundation pack.

Day 2: Scope, Schedule, and Cost Planning

- Scope definition, work breakdown structure, and requirements traceability.
- Schedule development: sequencing, duration estimating, and critical path.
- Gantt charts and network logic practice.
- Resource planning, levelling, and capacity checks.
- Cost estimating techniques and budget baseline construction.
- RACI responsibility assignment and interface management.
- Building the integrated baseline pack.

Day 3: Execution, Control, and Earned Value

- Earned value management: planned value, earned value, and actual cost.
- Schedule performance index, cost performance index, and TCPI.
- Milestone trend analysis and variance investigation.
- Estimate at Completion and rolling wave forecasting.
- Configuration management and change control boards.
- Statistical Process Control with control charts and run rules.
- Building the performance control pack.

Day 4: Quality, Risk, Procurement, and Stakeholders

- Quality planning, assurance, and control fundamentals.
- Cost of quality and defect measurement.

- Risk identification, analysis, and response planning.
- Monte Carlo schedule and cost risk analysis and contingency.
- Procurement strategy, tender evaluation, and contract types.
- Stakeholder engagement assessment and communication planning.
- Building the quality, risk, and procurement pack.

Day 5: Governance, Closure, and Benefits

- Stage-gate governance and assurance reviews.
- Benefits realisation management and benefit mapping.
- KPI dictionaries, dashboards, and executive reporting.
- Project closure, handover, and operational readiness.
- Lessons learned capture and knowledge management.
- Preventing gaming: optimistic estimates and status distortion.
- Personal action plan and continuous improvement.

Conclusion

By successfully completing Comprehensive Project Management, participants will have acquired a practical command of the full project life cycle scope, schedule, cost, quality, risk, procurement, communication, and stakeholder management. They will know how to build an integrated baseline, read SPI and CPI correctly, plan quality rather than inspect it later, and quantify risk instead of listing it. In addition, the course prepares delegates to close projects properly, capture lessons learned, and govern benefits realisation. As a result, they return to work ready to run projects with one consistent method. Gentex Training Center delivers this Training Course with a practical, standards-based approach.

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FAQs for the Comprehensive Project Management course

Q1 What is the "Comprehensive Project Management" course about?

It is a five-day programme on the full project life cycle from charter to closure within one connected method. It covers the PMBOK Guide performance domains, PRINCE2 principles and processes, scope and schedule planning, earned value management, quality and risk control, procurement strategy, and benefits realisation.

Q2 What are the key benefits of the "Comprehensive Project Management" course?

Participants gain the ability to build an integrated baseline, read SPI and CPI correctly, plan quality rather than inspect it later, and quantify risk instead of listing it. They also learn to close projects properly, capture lessons learned, and govern benefits realisation.

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Q3 What skills will I gain from the "Comprehensive Project Management" course?

Method and planning with PMBOK performance domain application, PRINCE2 theme and process practice, predictive, agile and hybrid selection, scope definition, work breakdown structure construction, requirements traceability, schedule development and critical path analysis, resource levelling, cost estimating and budget baselining, and RACI design, and control and governance with earned value interpretation, SPI, CPI and TCPI calculation, milestone trend analysis, estimate at completion work, change control board operation, quality planning and control, cost of quality analysis, risk identification and Monte Carlo analysis, contingency derivation, procurement strategy design, contract type selection, stakeholder engagement assessment, communication planning, stage-gate review design, benefits realisation management, lessons learned capture, and anti-gaming practice.

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Q4 What tools, methods, or standards are covered in the "Comprehensive Project Management" course?

The course covers the PMBOK Guide performance domains and process groups, PRINCE2 principles, themes and processes, predictive, agile and hybrid delivery selection criteria, project charter, business case and governance structure, roles, responsibilities and decision rights, common failures across weak sponsorship, no baseline and method theatre, scope definition, work breakdown structure and requirements traceability, schedule development across sequencing, duration estimating and critical path, Gantt charts and network logic practice, resource planning, levelling and capacity checks, cost estimating techniques and budget baseline construction, RACI responsibility assignment and interface management, earned value management across planned value, earned value and actual cost, schedule performance index, cost performance index and TCPI, milestone trend analysis and variance investigation, estimate at completion and rolling wave forecasting, configuration management and change control boards, Statistical Process Control with control charts and run rules, quality planning, assurance and control fundamentals, cost of quality and defect measurement, risk identification, analysis and response planning, Monte Carlo schedule and cost risk analysis and contingency, procurement strategy, tender evaluation and contract types, stakeholder engagement assessment and communication planning, stage-gate governance and assurance reviews, benefits realisation management and benefit mapping, KPI dictionaries, dashboards and executive reporting, project closure, handover and operational readiness, lessons learned capture and knowledge management, and preventing gaming across optimistic estimates and status distortion.

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Q5 How is the "Comprehensive Project Management" course applied in real-world practice?

Delegates apply it through project foundation packs, project charters, business cases, governance structures, decision rights matrices, work breakdown structures, requirements traceability matrices, network diagrams, duration estimates, Gantt charts, critical path analyses, resource histograms, levelling reports, capacity plans, cost estimates, budget baselines, RACI charts, interface registers, earned value reports, planned value registers, actual cost reports, SPI and CPI calculations, TCPI models, milestone trend charts, variance reports, estimate at completion forecasts, rolling wave forecasts, configuration records, change requests, change control board minutes, control charts, run rule assessments, quality plans, inspection checklists, sampling plans, cost of quality reports, defect records, risk registers, risk response plans, Monte Carlo simulation outputs, contingency drawdown records, procurement strategies, tender evaluation matrices, contract documents, stakeholder engagement assessments, communication plans, stage-gate criteria, review packs, benefits realisation registers, benefit maps, KPI dictionaries, executive dashboards, closure reports, handover certificates, operational readiness assessments, lessons learned registers, knowledge management entries, gaming risk assessments, and project improvement plans. They also use them to chair project reviews and to report delivery performance to sponsors and steering committees.