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COURSE BROCHURE

Construction Project Execution and Delivery Training Course

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Registered in the United Kingdom and Saudi Arabia

Construction Project Execution and Delivery Training Course

Construction Project Execution and Delivery is a 1-week training course for construction project managers, site managers and contractor planners, who leave with a Project Execution Plan for a single construction contract. Thin contractor margins, crowded supply chains and owners quick to issue variations mean a contract won at tender can still be lost on site. Jupiter Prime Training offers this course on construction project execution and delivery.

Why Construction Project Execution and Delivery Matters Now

Two groups shape contract delivery today: clients who expect fixed completion dates, digital progress reporting and tight change control, and subcontractors and suppliers whose performance decides most of the schedule. A contractor that mobilises with a clear execution plan, a resourced critical path and disciplined change records finishes on time and protects margin; one that improvises loses weeks to late packages and unpriced variations. The course rests on the Critical Path Method CPM, Earned Value Management EVM and the change and notice provisions of the FIDIC, NEC and JCT contract forms that most construction projects use.

Who Gains Most from Construction Project Execution and Delivery

- Managers who run one construction contract from award to handover
- Site leads who coordinate trades, logistics and daily output
- Planners who build and update the contract schedule and look-ahead schedules
- Commercial staff who track cost, valuations and variations on a single job

A contractor project team that sends its project manager, planner and quantity surveyor together gains most, because schedule, cost and change decisions then share one plan.

Construction Project Execution and Delivery Capabilities

Participants turn a signed contract into a working plan for scope, time, cost, subcontractors and change on one construction project.

- Build a work breakdown structure and execution strategy from contract scope — informing mobilisation decisions
- Design a resourced contract schedule with critical path and three-week look-aheads — guiding site leads
- Calculate cost to complete and earned value from site progress — serving commercial managers
- Specify subcontract packages, procurement schedules and interface rules — protecting the critical path
- Apply change, notice and early-warning procedures under the governing contract — supporting client relations

Key Construction Project Execution and Delivery Terms

- Project Execution Plan — the document setting out how a contract will be built, resourced, controlled and handed over.
- Critical Path — the longest chain of dependent activities, which fixes the earliest possible completion date.
- Look-Ahead Schedule — a short-range schedule, often three weeks, that turns the master schedule into daily site tasks.
- Earned Value — the budgeted cost of work actually completed, compared with planned and actual cost to measure performance.
- Variation — an instructed change to the scope, quality or timing of contract works, usually with time and cost effects.
- Early Warning — a contractual notice raising a matter that could affect time, cost or quality before it occurs.

Construction Project Execution and Delivery Day by Day

Day 1: From Contract Award to Mobilisation

- Contract Review at Award — Extracting Obligations, Milestones and Risks
- Execution Strategy — Choosing Sequence, Methods and Resources
- Mobilisation Checklist — Setting Up Site, Team and Systems
- Hospital and Highway Project Examples — Comparing Delivery Challenges
- Work Breakdown Structure — Structuring Scope for Control

Day 2: Schedule and Resource Planning

- Critical Path Method — Building the Contract Schedule
- Resource Loading and Levelling — Balancing Labour and Plant
- Look-Ahead Scheduling — Converting Schedule Into Weekly Tasks
- Procurement Schedule — Timing Long-Lead Materials and Packages
- Schedule Updates — Recording Progress and Forecasting Completion

Day 3: Cost Control and Progress Measurement

- Cost Budget Breakdown — Aligning Cost Codes With Scope
- Earned Value Management — Measuring Cost and Schedule Performance
- Interim Valuations — Preparing Monthly Payment Applications
- Cost-to-Complete Forecasts — Spotting Overruns Early
- Cash Flow Curves — Planning Funding Needs on One Contract

Day 4: Subcontractors, Coordination and Change

- Subcontract Package Strategy — Splitting Scope Among Specialists
- Interface Management — Coordinating Trades, Design and Logistics
- Site Coordination Meetings — Driving Decisions and Actions
- Change and Early-Warning Procedures — Applying FIDIC, NEC and JCT Provisions
- Variation Records — Pricing and Agreeing Changes Promptly

Day 5: Practising the Project Execution Plan

- Mobilisation Exercise — Applying Contract Review to a Sample Award
- Schedule Recovery Case — Re-Sequencing a Delayed Critical Path
- Change Event Simulation — Issuing Notices and Pricing Variations
- Peer Review of Execution Plans — Testing Resource and Procurement Logic
- Project Execution Plan — Completing Strategy, Schedule, Cost and Change Controls

Applying Construction Project Execution and Delivery After the Course

- Prepare a three-week look-ahead for one live contract and review it with the site team each week.
- Set up an earned value report for one cost package and present the variance to project leadership.

Construction Project Execution and Delivery Questions FAQ

What is construction project execution and delivery, and why does it matter now?

It is the management of a single construction contract from award and mobilisation to handover. It matters now because thin margins, crowded supply chains and frequent variations make disciplined planning, cost control and change records decisive.

Which roles gain most from construction project execution and delivery training?

Contractor project managers, site managers and planners gain most. They mobilise sites, run schedules and manage subcontractors and variations, so critical path planning, earned value and change procedures shape their daily decisions.

How does construction project execution and delivery differ from a multi-project site management course?

It focuses on one contract in depth rather than a portfolio of sites. A multi-project course covers shared resources across several jobs, while this subject plans one contract's schedule, cost, subcontracts and change.

What do you bring back from construction project execution and delivery training?

You bring back a Project Execution Plan for a construction contract you manage. It sets out strategy, work breakdown, schedule, procurement, cost control and change procedures ready for your team.

Construction Project Execution and Delivery: The Way Forward

The Project Execution Plan first informs how the contract is mobilised and which packages are procured first. Project managers, planners and quantity surveyors use it to run weekly schedule, cost and change reviews. After the first monthly valuation it is worth revisiting the procurement schedule, since early progress shows which packages truly drive the critical path.