SKILLSLAB
Training Provider

COURSE BROCHURE

Construction Project Management

Professional Training Course

Skillslab Training Provider
Skills for Tomorrow's World

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Course Description

Introduction

Construction Project Management is a premium professional training program designed for organizations responsible for planning, executing, monitoring, and delivering construction projects with precision, efficiency, and strategic control. In today's demanding construction environment, successful project delivery requires more than technical expertise; it requires integrated planning, strong leadership, disciplined cost and schedule control, effective contract administration, risk management, site coordination, quality assurance, safety awareness, and stakeholder alignment.

This course provides a practical and executive-level approach to managing construction projects across public sector, infrastructure, real estate, engineering, utilities, industrial, and corporate development environments. Participants will gain the tools and frameworks needed to manage construction scope, timelines, budgets, contractors, consultants, procurement activities, site operations, variations, claims, risks, and project performance from initiation to handover.

The executive value proposition of this program is clear: participants will learn how to improve construction delivery performance, reduce delays and cost overruns, strengthen governance, enhance contractor coordination, protect project value, and ensure that construction projects are completed with higher accountability, quality, safety, and operational readiness.

Course Objectives

By the end of this training program, participants will be able to:

- Understand the full lifecycle of construction project management from initiation to closeout
- Develop structured construction project plans aligned with organizational, technical, financial, and stakeholder requirements
- Manage construction scope, schedules, budgets, resources, procurement, contracts, risks, quality, and safety
- Apply effective project control techniques to monitor progress, manage deviations, and support decision-making

- Identify and manage construction risks related to design, procurement, permits, site conditions, delays, claims, and contractor performance
- Apply practical methods for managing variations, change orders, claims, disputes, and contractual obligations
- Enhance project reporting through dashboards, progress meetings, key performance indicators, and executive summaries
- Support successful project completion through commissioning, handover, closeout, lessons learned, and operational readiness

Course Content

Day 1: Foundations of Construction Project Management

- Understanding the construction project lifecycle and delivery environment
- Key differences between construction projects and general project management
- Roles and responsibilities of owners, consultants, contractors, subcontractors, suppliers, and authorities
- Defining project objectives, scope, deliverables, assumptions, constraints, and success criteria
- Understanding construction governance, approval processes, permits, and regulatory requirements
- Building the construction project management plan
- Common causes of delays, budget overruns, quality failures, and contractual disputes
- Practical exercise: analyzing the structure and delivery requirements of a construction project

Day 2: Construction Planning, Scheduling, and Resource Coordination

- Developing work breakdown structures for construction projects
- Defining construction activities, sequencing, dependencies, milestones, and critical path
- Building realistic construction schedules for multi-phase projects
- Coordinating manpower, equipment, materials, subcontractors, and site logistics
- Managing procurement timelines and long-lead items
- Integrating design, procurement, construction, testing, and handover activities
- Monitoring schedule performance and managing recovery plans
- Practical exercise: reviewing a construction schedule and identifying delivery risks

Day 3: Cost Control, Contract Administration, and Procurement Management

- Managing procurement strategies, tendering, evaluation, award, and supplier performance
- Handling variations, change orders, claims, delays, extensions of time, and dispute prevention
- Strengthening documentation and contractual communication
- Practical exercise: analyzing a construction cost and contract control scenario

Day 4: Site Management, Quality, Safety, and Risk Control

- Managing daily construction site operations and coordination meetings
- Controlling site progress, productivity, inspections, and technical submissions
- Implementing quality assurance and quality control practices
- Managing health, safety, and environmental requirements on construction sites
- Identifying project risks related to design changes, site conditions, resources, weather, permits, suppliers, and contractors
- Establishing risk response plans, issue logs, corrective actions, and escalation mechanisms
- Managing stakeholder communication and site reporting
- Practical exercise: developing a construction risk, quality, and safety control plan

Day 5: Project Performance, Handover, and Closeout Excellence

- Building construction project dashboards and executive progress reports
- Using key performance indicators to monitor schedule, cost, quality, safety, risk, and productivity
- Managing progress meetings, technical reviews, and decision-making forums
- Preparing for testing, commissioning, inspections, approvals, and operational readiness
- Managing project handover documentation, warranties, as-built drawings, manuals, and closeout requirements
- Capturing lessons learned and improving future construction project performance
- Developing corrective action and recovery strategies for underperforming projects
- Final workshop: presenting an integrated construction project management framework

Target Audience

This course is designed for professionals, managers, and decision-makers involved in the planning, delivery, supervision, control, or governance of construction projects, including:

- Construction project managers and senior project managers

- Cost control managers and quantity surveyors
- Contract managers and procurement professionals
- Government project supervisors and public sector construction teams
- Infrastructure, real estate, utilities, industrial, and facilities development professionals
- Consultants, contractors, subcontractor coordinators, and client representatives
- Executives responsible for construction governance, delivery assurance, and capital project oversight

Course Requirements

Participants are not required to hold a formal certification; however, prior exposure to construction projects, engineering, project management, site supervision, procurement, contracts, or project control will help maximize the value of the program. The course is suitable for experienced professionals seeking to strengthen construction delivery capability, as well as managers and executives responsible for construction project oversight.

Recommended participant readiness includes:

- Basic familiarity with construction or project management terminology
- Experience in managing, supervising, supporting, or coordinating construction-related activities
- Interest in improving construction planning, scheduling, cost control, site coordination, risk management, and reporting
- Willingness to participate in practical exercises, case discussions, and implementation-focused workshops

Training Methodology

The training methodology combines executive insight, technical practicality, and real-world implementation. The course is designed to help participants connect construction management concepts with actual project challenges, including delays, cost overruns, contractor coordination, quality issues, safety risks, claims, and handover complications.

The methodology includes:

- Expert-led sessions on construction project management principles, tools, and best practices
- Practical case studies from infrastructure, building, public sector, engineering, and corporate construction projects

- Scenario-based exercises focused on variations, claims, contractor performance, safety issues, and recovery planning
- Practical templates and frameworks for construction planning, monitoring, control, and closeout
- Peer learning and facilitated discussion on real construction project challenges
- Final applied workshop to convert learning into a practical construction project management roadmap

Learning Outcomes

Upon completion of the Construction Project Management course, participants will be able to:

- Manage construction projects with stronger planning, coordination, control, and governance
- Develop practical construction project plans aligned with scope, budget, schedule, quality, safety, and stakeholder expectations
- Build and monitor construction schedules using milestones, dependencies, critical path thinking, and recovery planning
- Control construction costs, budgets, cash flow, payments, and financial performance
- Strengthen contract administration, procurement coordination, variation management, and claims prevention
- Improve site coordination, productivity monitoring, quality control, and safety performance
- Identify and manage construction risks before they affect delivery outcomes
- Prepare executive reports and dashboards that support timely decisions
- Manage commissioning, handover, documentation, and closeout requirements effectively
- Improve construction project outcomes through disciplined execution, better communication, and continuous performance improvement

Instructor Profile

This course is delivered by an internationally certified expert with extensive practical and consulting experience. The instructor brings strong expertise in construction project management, site coordination, project planning, cost control, contract administration, procurement management, risk management, quality assurance, safety coordination, stakeholder management, and executive project reporting. The training approach combines international best practices with practical tools, real-world applications, and implementation-focused guidance suitable for government entities, ministries, public sector organizations, large corporations, contractors, consultants, and executive professionals.Introduction

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- Manage construction scope, schedules, budgets, resources, procurement, contracts, risks, quality, and safety
- Apply effective project control techniques to monitor progress, manage deviations, and support decision-making
- Strengthen coordination between project owners, consultants, contractors, subcontractors, suppliers, and regulatory authorities
- Improve construction site management through clear communication, documentation, reporting, and issue resolution
- Identify and manage construction risks related to design, procurement, permits, site conditions, delays, claims, and contractor performance
- Apply practical methods for managing variations, change orders, claims, disputes, and contractual obligations
- Enhance project reporting through dashboards, progress meetings, key performance indicators, and executive summaries

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- Practical exercise: reviewing a construction schedule and identifying delivery risks

Day 3: Cost Control, Contract Administration, and Procurement Management

- Understanding construction cost planning, budgeting, estimates, and contingencies
- Monitoring actual costs against approved budgets
- Managing cash flow, payment certificates, invoices, and financial reporting
- Understanding contract structures, obligations, deliverables, responsibilities, and risk allocation
- Managing procurement strategies, tendering, evaluation, award, and supplier performance
- Handling variations, change orders, claims, delays, extensions of time, and dispute prevention
- Strengthening documentation and contractual communication
- Practical exercise: analyzing a construction cost and contract control scenario

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Target Audience

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- Construction project managers and senior project managers
- Project directors and program managers
- Site managers and construction managers
- Civil engineers, architects, and engineering professionals
- Planning engineers and project control professionals
- Cost control managers and quantity surveyors
- Contract managers and procurement professionals
- Government project supervisors and public sector construction teams
- Infrastructure, real estate, utilities, industrial, and facilities development professionals
- Consultants, contractors, subcontractor coordinators, and client representatives

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The methodology includes:

- Expert-led sessions on construction project management principles, tools, and best practices
- Practical case studies from infrastructure, building, public sector, engineering, and corporate construction projects
- Group discussions on construction delays, site coordination, contract issues, and project governance challenges
- Hands-on workshops for developing schedules, control plans, risk registers, reporting frameworks, and handover checklists
- Scenario-based exercises focused on variations, claims, contractor performance, safety issues, and recovery planning
- Practical templates and frameworks for construction planning, monitoring, control, and closeout
- Peer learning and facilitated discussion on real construction project challenges
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Contact Us

For registration inquiries, upcoming dates, or group pricing, please contact us:

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