Strategic Construction Project and Site Management Training Course



25 - 29 Oct 2026

Manama

4400 € (Per Person)

Ref: #PRM6469_232351

Course Introduction / Overview:

The construction industry is a dynamic and complex field where success hinges on the seamless integration of strategic project management and meticulous site administration. This course is designed to bridge the critical gap between planning and execution, providing a comprehensive framework for overseeing construction projects from inception to completion. Drawing upon established principles, such as those outlined by Frederick Gould in his seminal work "Construction Project Management," this program delves into the entire project lifecycle. Participants will explore essential domains including scope definition, resource allocation, cost control, and risk management, while also mastering the on-the-ground realities of site operations, safety protocols, and quality assurance. At BIG BEN Training Center, we have developed a curriculum that not only covers the technical aspects but also emphasizes the leadership and communication skills necessary to manage diverse teams and stakeholders effectively. This training course moves beyond theoretical knowledge to equip professionals with the practical tools and strategic mindset required to deliver projects on time, within budget, and to the highest standards of quality, ensuring a robust command of both the macro-level project strategy and the micro-level site execution.

Target Audience / This training course is suitable for:

- Project Managers and Assistant Project Managers.
- Construction Managers and Site Superintendents.
- Site Engineers and Field Engineers.
- Project Engineers and Planners.
- Construction Foremen and Team Leaders.
- Contract Administrators and Procurement Specialists.
- Quality Control and Health & Safety Officers.
- Junior professionals aspiring to a career in construction management.

Target Sectors and Industries:

- Commercial and Residential Real Estate Development.
- Heavy Civil and Infrastructure Projects.
- Industrial and Manufacturing Construction.
- Oil, Gas, and Energy Sector Projects.
- Governmental agencies and public works authorities.
- Specialty contracting and subcontracting firms.
- Consulting engineering and project management firms.

Target Organizations Departments:

- Project Management Office (PMO).
- Engineering and Design Departments.
- Construction and Site Operations.
- Procurement and Contracts Management.
- Health, Safety, and Environment (HSE) Departments.
- Quality Assurance and Quality Control (QA/QC).
- Planning and Cost Control Departments.

Course Offerings:

By the end of this course, the participants will have able to:

- Master the core principles of the construction project lifecycle from initiation to closeout.
- Develop comprehensive project plans, including work breakdown structures, schedules, and budgets.
- Implement effective cost estimation and control techniques to manage project finances.
- Lead site operations efficiently, focusing on logistics, resource management, and productivity.
- Establish and enforce rigorous health, safety, and environmental (HSE) protocols on-site.
- Apply quality assurance and quality control processes to meet project specifications.
- Navigate construction contracts, procurement processes, and supplier relationships.
- Identify, assess, and mitigate project risks proactively.
- Enhance leadership, communication, and stakeholder management skills for construction environments.
- Prepare for successful project handover and commissioning.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be immersive, interactive, and directly applicable to the challenges of the construction industry. We believe in an experiential learning approach that moves beyond traditional lectures. The course is built around a series of real-world case studies drawn from diverse construction projects, allowing participants to analyze complex scenarios and develop strategic solutions. Interactive group discussions and workshops encourage collaborative problem-solving and the sharing of professional experiences. Practical exercises, such as creating a project schedule, conducting a risk assessment, or developing a site logistics plan, will be central to the learning process. Role-playing sessions will simulate common on-site challenges, such as conflict resolution with subcontractors or stakeholder negotiations, to build crucial soft skills. Our expert instructors facilitate a dynamic learning environment, providing continuous feedback and guiding participants to connect theoretical concepts with their practical application. This hands-on, engaging approach ensures that attendees leave with not just knowledge, but with the confidence and skills to implement their learning immediately in their professional roles.

Course Agenda (Course Units):

Unit One: Foundations of Construction Project Management

- Introduction to the construction industry and its unique challenges.
- The construction project lifecycle from concept to completion.
- Key roles and responsibilities of the project manager and site administrator.
- Understanding project stakeholders and their influence.
- Core project management knowledge areas in a construction context.
- Introduction to project delivery methods (e.g., Design-Bid-Build, Design-Build).
- Ethical considerations and professional conduct in construction.

Unit Two: Project Planning, Scheduling, and Cost Management

- Defining project scope and creating a Work Breakdown Structure (WBS).
- Techniques for accurate construction cost estimation.
- Developing a project budget and cost baseline.
- Fundamentals of project scheduling using the Critical Path Method (CPM).
- Resource planning and allocation for labor, materials, and equipment.
- Introduction to Earned Value Management (EVM) for performance tracking.
- Utilizing software tools for planning and scheduling.

Unit Three: Effective Site Administration and Operations

- Principles of efficient construction site layout and organization.
- Managing site logistics, material storage, and supply chain.
- Daily site supervision and workforce productivity management.
- Implementing robust Health, Safety, and Environment (HSE) management systems.
- Conducting site safety inspections and toolbox talks.
- Fundamentals of construction quality assurance and quality control (QA/QC).
- Managing site documentation, daily reports, and records.

Unit Four: Contracts, Procurement, and Risk Management

- Understanding different types of construction contracts.
- The procurement process for materials, equipment, and subcontractors.
- Tendering, bidding, and contractor selection processes.
- Fundamentals of contract administration and management.
- Identifying and assessing risks in construction projects.
- Developing risk response and mitigation strategies.
- Managing claims, disputes, and change orders effectively.

Unit Five: Leadership, Communication, and Project Closeout

- Leadership and team-building for construction site environments.
- Effective communication strategies for all project stakeholders.
- Conflict resolution and negotiation skills.
- Managing project meetings and reporting progress.
- The process of project commissioning and testing.
- Managing project handover and final documentation.
- Conducting a post-project review and capturing lessons learned.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

How might emerging technologies like AI, digital twins, and robotics fundamentally reshape the traditional roles and responsibilities of a construction project manager and a site administrator in the next decade?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself through its holistic and integrated approach, uniquely merging the strategic, high-level discipline of project management with the practical, on-the-ground realities of site administration. Unlike programs that treat these as separate domains, our curriculum is built on the premise that project success lies in their seamless synergy. We bridge the gap between the planning office and the construction site, equipping participants with a dual perspective that is crucial for effective leadership in the modern construction industry. The content moves beyond simply teaching processes and tools; it cultivates a strategic mindset focused on problem-solving, risk mitigation, and value creation throughout the project lifecycle. Furthermore, a significant emphasis is placed on developing the essential soft skills leadership, negotiation, and stakeholder communication that are often overlooked yet are critical for managing complex teams and navigating the intricate web of relationships inherent in any construction project. The course provides a comprehensive, academically-grounded, and intensely practical learning experience that prepares professionals not just to manage, but to lead and excel in a demanding field.