



PMI TRAINING

Certificate Construction Project Management

Learn to effectively plan, execute, and control construction projects, ensuring successful delivery on time and within budget.

DURATION

8 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The PMI Certificate in Construction Project Management is an intensive 8-hour program designed for professionals seeking to master the unique complexities of managing construction projects. This course provides a robust understanding of project management principles tailored specifically to the construction industry's lifecycle, stakeholders, and inherent challenges. Participants will learn to apply globally recognized PMI standards and best practices to ensure project success from initiation to closeout, focusing on delivering projects on time, within budget, and to the required quality and safety standards. This intermediate-level certification delves into core construction project management areas, including detailed planning and scheduling, robust cost control, comprehensive risk management, and stringent quality and safety protocols. You will explore methodologies for effective stakeholder engagement, contract administration, and procurement specific to the construction environment. The curriculum integrates practical approaches, equipping you with the tools to navigate common hurdles such as resource constraints, regulatory compliance, and unforeseen site conditions. By completing this certificate, you will significantly enhance your professional capabilities, enabling you to lead and contribute to construction projects with greater efficiency and confidence. The skills acquired will directly translate into improved project outcomes, reduced delays and cost overruns, and a heightened ability to mitigate risks, ultimately accelerating your career progression within the dynamic construction sector.

Duration	8 hours
Level	Intermediate
Vendor	PMI

COURSE CURRICULUM

01 Module 1: Foundations of Construction Project Management

- Introduction to the construction project lifecycle
- Key stakeholders and their roles in construction projects
- Project management methodologies in a construction context
- Defining project objectives and success criteria for construction
- Ethical considerations and professional conduct in construction

02 Module 2: Construction Project Planning & Scheduling

- Developing a comprehensive Work Breakdown Structure (WBS) for construction
- Activity definition and sequencing for construction tasks
- Critical Path Method (CPM) and Program Evaluation and Review Technique (PERT) for construction schedules
- Resource estimation and leveling techniques
- Utilizing Gantt charts and network diagrams for construction scheduling

03 Module 3: Construction Cost Management & Risk

- Construction cost estimating techniques (e.g., parametric, analogous, bottom-up)
- Budgeting and cost control strategies for construction projects
- Earned Value Management (EVM) principles and application in construction
- Identifying and assessing construction-specific risks (e.g., weather, material delays, labor disputes)
- Developing risk response plans and mitigation strategies

04 Module 4: Quality, Safety & Procurement in Construction

- Implementing quality management systems in construction
- Quality assurance and control processes for construction deliverables
- Construction site safety management and regulatory compliance

- Procurement processes for construction materials, equipment, and subcontractors
- Contract administration basics and dispute resolution

05 Module 5: Stakeholder Management & Communication

- Identifying and analyzing construction project stakeholders (e.g., clients, contractors, regulators, community)
- Developing effective communication plans for construction sites and offices
- Managing stakeholder expectations and engagement
- Conflict resolution and negotiation skills in construction environments
- Team building and leadership strategies for construction project teams

06 Module 6: Construction Project Monitoring & Closeout

- Monitoring project progress and performance reporting
- Managing changes and variations in construction projects
- Document control and record keeping for construction
- Project closeout procedures and handover processes
- Conducting post-project reviews and capturing lessons learned

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Assistant Construction Project Manager**
- > **Construction Site Coordinator**
- > **Project Controls Specialist (Construction)**

FREQUENTLY ASKED QUESTIONS

Q: How does the PMI Certificate in Construction Project Management specifically prepare me for managing complex infrastructure projects compared to a general project management certification?

This certificate focuses intensively on the unique lifecycle, regulatory environment, and stakeholder dynamics of construction and infrastructure projects. It delves into specialized areas like construction-specific scheduling (e.g., critical path method with specific construction considerations), cost estimation for materials and labor, site safety management, and procurement for construction subcontracts, providing practical tools and techniques directly applicable to complex builds rather than generic project management scenarios.

Q: What are the recommended prerequisites for someone considering this intermediate-level Certificate Construction Project Management course?

While there are no strict formal prerequisites, participants will benefit most if they have at least 1-2 years of experience working in the construction industry in any capacity (e.g., site supervision, project coordination, engineering support) or possess a foundational understanding of general project management principles. Familiarity with construction terminology and basic project documentation will also be advantageous.

Q: What specific skills will I gain to mitigate common risks like material delays or budget overruns endemic to construction projects?

This course will equip you with robust risk identification and analysis techniques specifically for construction, including

detailed risk registers and qualitative/quantitative analysis. You will learn to develop proactive risk response plans, implement robust cost control measures using techniques like Earned Value Management, and master change management processes. These skills are crucial for anticipating, mitigating, and effectively responding to common construction challenges like material delays, scope creep, and unforeseen budget impacts, helping to keep your projects on track.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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