Construction Project Management: Principles and Practices

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Toronto (Canada)

UK Traininig
PARTNER



Construction Project Management: Principles and Practices

Ref: 20222969_220725 Duration: Toronto (Canada) Fees: 5900 GBP

Course Description

This intensive 1-week course provides a comprehensive overview of construction project management principles and practices. Participants will learn essential skills for planning, executing, monitoring, and closing construction projects effectively. The course covers key aspects of project management, including scope definition, scheduling, cost control, risk management, and stakeholder communication.

Learning Objectives

- Understand the project lifecycle and key processes in construction project management
- Develop proficiency in project planning, scheduling, and cost estimation techniques
- Learn effective risk management and quality control strategies for construction projects
- Gain skills in stakeholder management and communication in the construction industry
- Apply best practices for project monitoring, control, and successful project closure

Course Modules

Day 1: Introduction to Construction Project Management

- Overview of construction project management principles
- Project lifecycle and delivery methods
- Roles and responsibilities in construction projects
- Construction industry standards and regulations

Day 2: Project Planning and Initiation

- Scope definition and work breakdown structure
- Project scheduling techniques CPM, PERT
- Cost estimation and budgeting
- Resource planning and allocation

Day 3: Project Execution and Control

- Contract administration and procurement management
- Quality management in construction
- Health, safety, and environmental management
- Progress monitoring and performance measurement



Day 4: Risk Management and Stakeholder Communication

- Risk identification, assessment, and mitigation strategies
- Stakeholder analysis and management
- Effective communication in construction projects
- Conflict resolution and negotiation skills

Day 5: Project Closing and Best Practices

- Project closeout procedures and documentation
- Lessons learned and continuous improvement
- Construction technology and innovation
- Ethics and professional conduct in construction management

Practical Wins for Participants

- Ability to develop comprehensive project management plans for construction projects
- Skills to effectively manage project risks, costs, and schedules
- Improved stakeholder management and communication techniques
- Knowledge of industry best practices and emerging trends in construction project management

