



*Training Course:
Project Management Skills Essentials for
Contractors*

*16 - 20 September 2024
Cape Town (South Africa)
DoubleTree by Hilton Cape Town - Upper Eastside*

Training Course: Project Management Skills Essentials for Contractors

Training Course code: PC9423 From: 16 - 20 September 2024 Venue: Cape Town (South Africa) - DoubleTree by Hilton Cape Town - Upper Eastside Training Course Fees: 5950 € Euro

Introduction

You have new project managers who need to ramp up quickly to deliver successful construction projects. This 5-day course introduces the essential tools of project planning and execution in a construction contracting environment. Participants practice project management techniques on a simple construction project that is developed through the complete project lifecycle, from initial project proposal and definition, through project implementation, and finally to the often neglected project completion phase.

Participants will leave this course with the ability to implement a structured process to successfully deliver small to medium sized construction projects for their organizations and for their customers.

This course is Gold Seal accredited by the Canadian Construction Association.

Course Objectives of Project Management Skills Essentials for Contractors

Participants will gain practical skills to:

- To learn and use the terminology and processes of modern project management.
- To explain meaning of key clauses of CCDC2.
- To identify your PM responsibilities from the start to the close of a project.
- To prepare a complete and accurate project plan for a small project.
- To provide some of the knowledge you need for the Gold Seal Project Manager's certification.
- To increase your own PM "lessons learned" by learning from the experiences of others.
- To value the benefits of a consistent PM methodology.

Who should attend?

The Project Management Essentials for Contractors course is appropriate for individuals who are:

- Construction contractors or employees of construction contracting organizations.
- Responsible for managing small to medium construction projects.
- Active participants on a project team, especially those who have not yet been exposed to

project management, but can see themselves moving in that direction.

Course Outlines of Project Management Skills Essentials for Contractors

Day 1:

What is Project Management?

- Definition of modern project management
- Introduction to PM certifications
- Skills required in a PM

Basic Concepts of a Project

- What is a project?
- What makes a successful project?
- Why do some projects fail?

Day 2:

The Project Life Cycle

- Owner's project life cycle
- Contractor's project life cycle
- Milestones
- Fast-tracking

The Project

- Introduce project workshop scenario
- Responding to a bid
- Construction planning
- Scope definition
- Workshop: Define project scope

Day 3:

The Work Breakdown Structure

- WBS definition
- Why use a WBS approach
- Elements of an effective WBS
- Workshop: Develop project WBS
- Identifying subcontracts
- Evaluating project budget

Risk Management

- Risk management process
- Workshop: Identifying & analyzing project risks
- Evaluating project risks
- Choosing an appropriate risk response
- Typical construction project risks
- Assigning budget contingency

Day4:

The Contract

- Contract types
- CCDC2
- Liquidated damages
- Subcontracts

Organizing the Project Team

- Owner's matrix structure
- Contractor's projectized structure
- Assigning responsibilities
- Single point of contact
- Workshop: Structuring the team

The Project Plan

- Change management
- Project administration
- The daily log
- Safety planning

Day 5:

Project Schedule

- The logic diagram
- Critical path and float
- Types of dependency relationships
- The Gantt chart
- Workshop: Yellow sticky
- Assigning constraints
- Adding contingency
- The resource histogram
- Setting a schedule performance measurement baseline

Project Implementation

- Project status and updating
- Performance reporting
- Change control
- Introduction to earned value
- Workshop: Earned value exercise
- Commissioning

Close-out

- Start-up
- Substantial/Total Completion
- Lessons learned
- Archiving files

Wrap-up

- Introducing modern PM into an organization
- Lessons learned
- Quiz

Registration form on the Training Course: Project Management Skills Essentials for Contractors

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Payment Method

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