



(003587769-K)

Persiaran Mayang Pasir
Bayan Baru, 11950
Pulau Pinang, Malaysia
Mobile: 019-9790786

Email: hr.department@softspheretraining.my

Website: www.softspheretraining.my

Course Name:

Critical Chain Project Management (CCPM)

Synopsis

Welcome to our two-day training on Critical Chain Project Management (CCPM)! Over the next two days, we will delve into the principles, methodologies, and practical applications of CCPM, a powerful approach for managing projects more effectively and efficiently.

In today's fast-paced and dynamic business environment, organizations face increasing pressure to deliver projects on time, within budget, and to meet or exceed stakeholder expectations. Traditional project management methods often struggle to address the inherent uncertainties and complexities of modern projects, leading to missed deadlines, cost overruns, and resource bottlenecks.

CCPM offers a paradigm shift in project management, focusing on identifying and managing project constraints to optimize project flow and achieve faster project completion with fewer resources. By leveraging concepts such as project buffers, resource management, and multi-project coordination, CCPM enables organizations to improve project performance, enhance resource utilization, and ultimately, drive greater business results.

Throughout this training, we will explore the fundamental principles of CCPM, examine its key components, and discuss strategies for successful implementation. We will also delve into advanced concepts, practical applications, and real-world case studies to deepen your understanding and equip you with the knowledge and skills needed to apply CCPM in your own projects.

Whether you're a project manager, team leader, or involved in project execution and delivery, this training will provide you with valuable insights and practical techniques to optimize project outcomes and drive organizational success.

What You Will Learn

The primary objective of this training is to provide participants with a comprehensive understanding of Critical Chain Project Management (CCPM) principles, methodologies, and practical applications. By the end of the training, participants should be able to:

- Understand the fundamental principles and concepts of CCPM.
- Differentiate between traditional project management approaches and CCPM.
- Identify and manage project constraints to optimize project flow.
- Implement project buffers effectively to mitigate project uncertainties and variability.
- Apply resource management techniques in CCPM to maximize resource utilization.
- Coordinate and manage multiple projects using CCPM principles.
- Utilize CCPM software tools and technology to support project

Training Outcome:

Upon completion of the training, participants should be able to:

- Explain the key principles and benefits of CCPM and its relevance to project management.
- Analyze project constraints and identify critical paths to streamline project execution.
- Develop and implement project buffers to protect project schedules and deliverables.
- Apply resource management strategies to optimize resource allocation and utilization.
- Coordinate and prioritize project activities across multiple projects to minimize conflicts and bottlenecks.
- Utilize CCPM software tools effectively to plan, monitor, and control project activities.
- Implement CCPM practices within their organizations to improve project performance, enhance resource productivity, and achieve better project outcomes.

Who Should Attend

- Project Managers
- Team Leaders
- Project Team Members
- Executives and Managers

Prerequisite

N/A

Course Methodology

- **Interactive Lectures:** Begin with interactive lectures to introduce key concepts and principles of CCPM. Use visuals, case studies, and examples to illustrate key points and engage participants.
- **Group Discussions:** Encourage group discussions to facilitate peer learning and exchange of ideas. Discuss challenges and best practices in implementing CCPM in various industries and project scenarios.
- **Hands-on Exercises:** Include hands-on exercises to allow participants to apply CCPM principles to real-life project scenarios. This could include creating project buffers, identifying and managing project constraints, and optimizing resource allocation.
- **Case Studies:** Present case studies of organizations that have successfully implemented CCPM. Analyze their strategies, challenges faced, and lessons learned to provide practical insights to participants.
- **CCPM Software Demonstration:** Demonstrate the use of CCPM software tools and technology to show participants how to apply CCPM principles in a practical setting.

Course Duration

2 days - 9am - 5pm

Course Structure

Session 1: Introduction to Critical Chain Project Management (CCPM)

- Welcome and Introductions
- Understanding Traditional Project Management vs. CCPM
- Principles of CCPM and its Benefits

Session 2: Implementing CCPM

- Identifying and Managing Project Constraints
- Creating a Project Buffer
- Case Studies and Group Discussion on Implementing CCPM

Session 3: Advanced Concepts in CCPM

- Resource Management in CCPM
- Multi-Project Management with CCPM
- CCPM Software Tools and Technology

Session 4: Practical Application and Case Studies

Participants will have a comprehensive understanding of Excel's lookup functions and their applications in various data analysis and reporting scenarios.

- Applying CCPM to a Sample Project
- Review of Case Studies and Q&A Session