



*Training Course:
Strategic Scheduling for Project Success:
Advanced Techniques and Applications*

*22 - 26 March 2027
Kigali (Rwanda)*

Training Course: Strategic Scheduling for Project Success: Advanced Techniques and Applications

Training Course code: PC235626 From: 22 - 26 March 2027 Venue: Kigali (Rwanda) - Training Course Fees: 6350 € Euro

Introduction

This program is designed to equip project managers and team leaders with advanced techniques in strategic scheduling to optimize project timelines and outcomes. The focus is on understanding complex scheduling methods, software applications, and problem-solving strategies for high-impact project success.

Objectives

- Master advanced scheduling techniques for project optimization
- Develop proficiency in key scheduling software and tools
- Improve resource allocation and time management skills
- Learn risk mitigation strategies for schedule delays
- Apply practical case studies to improve scheduling accuracy

Target Audience

- Senior project managers
- Team leads and coordinators
- Operations managers
- Professionals involved in project planning and scheduling

Training Program Outline

Day 1: Advanced Scheduling Concepts and Frameworks

- Introduction to Strategic Scheduling
 - Importance of strategic scheduling for project success

- Overview of scheduling frameworks CPM, PERT, Gantt Charts
- Identifying Project Scheduling Needs
 - Determining project requirements and milestones
 - Setting realistic and strategic timelines
- Resource Loading and Leveling Techniques
 - Advanced techniques in resource allocation
 - Hands-on exercises in balancing workload and time

Day 2: Software Tools for Advanced Scheduling

- Scheduling Software Overview
 - Introduction to advanced tools Microsoft Project, Primavera P6, etc.
 - Comparative analysis of key software features and functions
- Hands-on Training with Key Scheduling Software
 - Building schedules, adding dependencies, and adjusting timelines
 - Importing and exporting project data across platforms
- Automation and Customization in Scheduling
 - Using software capabilities for automated updates and notifications
 - Customizing project schedules for stakeholder reporting

Day 3: Critical Path Method CPM and Schedule Compression Techniques

- Advanced CPM Techniques
 - Identifying critical paths, float management, and crash analysis
 - Case study exercises in critical path identification
- Schedule Compression Techniques
 - Fast-tracking and crashing strategies to meet deadlines
 - Risks and considerations in compression methods
- Practical Exercise in Schedule Compression

- Group work on creating compressed project schedules for urgent deliverables

Day 4: Risk Analysis and Mitigation in Scheduling

- Identifying Risks in Project Scheduling
 - Common scheduling risks and their impact on project timelines
 - Tools and techniques for proactive risk identification
- Developing Risk Mitigation Strategies
 - Strategies for avoiding delays and resource shortages
 - Incorporating contingency plans and buffers into schedules

Day 5: Case Studies, Review, and Application of Scheduling Best Practices

- Case Studies in Strategic Scheduling Success
 - In-depth analysis of successful project scheduling in different industries
 - Lessons learned from high-stakes projects
- Group Workshop: Creating an Optimal Project Schedule
 - Participants work in teams to apply learned techniques on a simulated project
 - Review and feedback on schedule quality, accuracy, and strategic alignment
- Final Wrap-Up and Certification
 - Key takeaways and reinforcement of best practices
 - Issuing of completion certificates and group discussion on course insights

Registration form on the Training Course: Strategic Scheduling for Project Success: Advanced Techniques and Applications

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