



*Training Course:
Advanced Strategies for Project Manager*

*8 - 12 December 2025
Barcelona (Spain)
Grupotel Gran Via 678*

Training Course: Advanced Strategies for Project Manager

Training Course code: PC234580 From: 8 - 12 December 2025 Venue: Barcelona (Spain) - Grupotel Gran Via 678 Training Course Fees: 5500 € Euro

Introduction

The overall aim of this course is to provide participants with the knowledge and skills needed to perform in-depth analysis of a project during the planning and implementation phases. Participants in this interactive course will learn all the critical tools and techniques required to make decisions to optimize the successful execution of a project in a dynamic environment.

Course Objectives

- Define project management frameworks, processes, and tools in compliance with the Project Management Institute PMI standards
- Apply different techniques that will assist in the project selection process
- Construct project diagrams, schedules, and plans and use different techniques to perform an in-depth analysis of project schedules and plans
- Identify different methods for cost estimating and project budgeting
- Manage time and cost deviations through applying 'earned value analysis'
- Employ risk management plans and apply risk response strategies to ensure successful implementation of the project
- Develop program management plans in compliance with PMI standards

Course Outlines

Day1:

Overview of project management

- Defining project management terminologies
- Project management benefits
- Triple constraints
- Project life cycle

- Project stakeholders
- Effect of organizational structure

Project selection

- Project selection models
- Benefit-cost ratio
- Average Rate of Return ARR
- Payback period
- Net Present Value NPV
- Internal Rate of Return IRR
- Decision trees

Day 2:

Project planning and scheduling

- Project charter
- Project scope statement
- Building work breakdown structure
- Duration estimation
- Program Evaluation and Review Technique PERT
- Relationships between activities
- Network diagram
- Critical Path Method CPM
- Manipulating logic
- Resource allocation
- Resource leveling
- Duration acceleration

Day 3:

Project budgeting

- Cost estimating techniques
- Cost baseline
- Project budget
- Slack management
- Compression by crashing

Day 4:

Project control

- Variance analysis
- Dashboards and scorecards
- Key performance indicators
- Earned value
- Managing deviations

Project risk management

- Project risk identification
- Qualitative risk analysis
- Quantitative risk analysis
- Project risk response planning
- Contingency and management reserves

Day 5:

Program management

- Program life cycle
- Developing program work breakdown structure
- Developing a program schedule

- Developing program financial plan

Registration form on the Training Course: Advanced Strategies for Project Manager

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