

€ TRAINING

Advanced Project Management Tools and
Techniques



15 - 26 December 2024
Dubai (UAE)



Advanced Project Management Tools and Techniques

REF: P331 DATE: 15 - 26 December 2024 Venue: Dubai (UAE) - Fee: 7480 Euro

Introduction:

Develop a solid foundation of advanced project management tools and techniques critical to project success with this comprehensive program, aligned with the PMBOK® Guide. Gain proficiency in methodologies and tools to effectively navigate the project life cycle. Master practices that ensure success in projects across various organizational settings.

Program Objectives:

By the end of this program, participants will be able to:

- Prioritize and address project requirements to optimize delivery and meet stakeholder expectations.
- Apply best practices to plan and execute projects successfully using proven project management processes.
- Implement risk management tools to identify, analyze, and develop risk mitigation strategies.
- Confidently estimate resources, budget, and task durations to create accurate project schedules.

Targeted Audience:

- Project managers and team leaders.
- Project coordinators.
- Business analysts.
- Team members assigned to projects.
- Project control professionals.
- Operations managers.
- IT managers.
- Construction managers and supervisors.

Program Outline:

Unit 1:

The Framework of Project Management:

- Choosing the right project lifecycle model.
- Identifying and analyzing project stakeholders.
- Aligning project goals with organizational strategy.

Unit 2:

Project Management Processes:

- Understanding project management process groups and knowledge areas.
- Initiating the project with a clear project charter.
- Documenting and defining the project scope.
- Developing and executing a comprehensive project management plan.

Unit 3:

Tools and Techniques for Project Scope Management:

- Scope planning and definition.
- Developing the Work Breakdown Structure.
- Scope verification and control.

Unit 4:

Tools and Techniques for Project Time Management:

- Activity definition and sequencing.
- Resource and duration estimating.
- Schedule development and control.

Unit 5:

Tools and Techniques for Project Cost Management:

- Cost estimating and budgeting.
- Cost control.
- Earned value management EVM techniques for tracking cost performance.

Unit 6:

Tools and Techniques for Project Quality Management:

- Quality planning.
- Quality assurance.
- Quality control.

Unit 7:

Tools and Techniques for Project Human Resource Management:

- HR planning and team acquisition.
- Team development and management.
- Conflict resolution techniques within teams.

Unit 8:

Tools and Techniques for Project Communication Management:

- Communication planning.
- Information distribution.
- Performance reporting and managing stakeholders.

Unit 9:

Tools and Techniques for Project Risk Management:

- Risk management planning and identification.
- Qualitative and quantitative risk analysis.
- Risk response planning.
- Monitoring and controlling risks.

Unit 10:

Tools and Techniques for Project Procurement Management:

- Procurement planning and contract management.



- Vendor selection and contract closure.
- Managing contract disputes and vendor performance.