MERCURY

Effective Project Management Strategies Skills Course

22 – 26 August 2027
Cairo (Egypt)



Dubai - UAE: +971 4 450 5697
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Ref: 4009_1075046 **Date:** 22 – 26 August 2027 **Location:** Cairo (Egypt) **Fees:** 3500 Euro

Introduction

This effective project management training course is designed for experienced project managers seeking to deepen their understanding of effective project management strategies and want to leverage advanced project and program management techniques.

The effective project management course underscores the necessity of robust, effective project management processes as a part of an organization's culture. It emphasizes senior management's role in endorsing these practices and ensuring their successful integration within the organization.

Participants in the effective project management course will explore enhancements in project scope management and stakeholder analysis. They will be introduced to cutting-edge tools and technologies for engaging with stakeholders and integrating quality into their projects.

The effective project management course provides knowledge of the latest concepts and techniques for project planning, estimating, and scheduling. Learners will grasp the application of queuing theory, the Theory of Constraints Critical Chain Project Management, and other sophisticated notions to formulate robust, dependable, and efficient project plans.

Furthermore, an effective project management program includes advanced learning in program risk and uncertainty analysis. Attendees will develop strategies for managing uncertainty, understand the network effects of project risks, and discover advanced techniques for identifying and quantifying project and program risks.

Targeted Groups

- Project managers.
- Members of project offices.
- Project sponsors.
- Functional managers.
- Senior management and individuals interested in project management.

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Course Objectives

By the end of this effective project management course, participants will be able to:

- Enhance effective project management techniques throughout the project lifecycle.
- Track projects using reliable metrics rather than speculation.
- Efficiently manage complex vendor relationships.
- Improve time and cost estimation for challenging projects with elevated risks.
- Reduce cost and schedule risks using tested advanced techniques.
- Report progress on complex and risky projects reliably.
- Upgrade effective communication plans in project management and engage stakeholders.
- Master the essential skills for an effective project manager to manage projects successfully.
- Communicate effectively across all levels of an organization and articulate project progress and needs to senior management.
- Clearly define project objectives and delegate tasks appropriately.
- Apply sophisticated scheduling methods and tools to support project control and analysis.
- Develop and apply effective project management skills in risk management, contingency planning, and change control.
- Prioritize objectives and task assignments properly.

Targeted Competencies

At the end of this effective project management course, the target competencies will be able to improve the following:

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- Utilization of advanced tools for scheduling and control.
- Effective planning for contingencies.
- Strategic alignment of projects with the enterprise's objectives.
- Enhancement of teamwork abilities and conflict management skills.
- Selection, development, and evaluation of Project Managers.
- Knowledge in purchasing, supply chain management, and contract administration.
- Effective project management of supplier relationships adeptly.
- Optimization planning skills for resource allocation.
- Developing strategies to thrive in a resource-constrained work environment.

Course Content

Unit 1: Introduction to Effective Project Management

- Understanding the need for projects.
- What is a project?
- Defining a project and effective project management basics.
- Exploring various Project Delivery Systems.
- Learning about different Lifecycle Models.

Unit 2: Project Selection and Stakeholder Management

- Qualitative techniques for effective project management.
- Employing qualitative and quantitative techniques for project selection.
- Economic evaluation methods for project selection.
- Choosing the right project manager - skills of an effective project manager.
- Conducting comprehensive project objectives and stakeholder assessment.
- Identifying and analyzing stakeholders.
- Managing stakeholder expectations and requirements.

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Unit 3: Advanced Planning Techniques

- Assessing task characteristics and estimating duration accurately.
- Reviewing planning and scheduling methods.
- Comparing critical path vs. critical chain scheduling.
- Exploring resource allocation methods.
- Engaging in time-cost trade-off analysis.
- Implementing lead/lag scheduling
- Critical chain scheduling.

Unit 4: Proactive Project Risk Management

- What do we mean by risk?
- Risk vs. uncertainty.
- Analyzing different attitudes towards risk.
- Identifying and analyzing risk factors and sources.
- Approaching risk analysis with various methods.
- Quantifying risks and their potential impacts.
- Applying strategies to address subjective elements of risk.
- Selecting appropriate risk strategies.

Unit 5: Effective Execution of Projects

- Applying lean construction strategies.
- Strategies for effective staff acquisition.
- Fostering team development and motivation.
- Understanding the difference between leadership and management.
- Learning different management styles and strategies for handling conflict.

Unit 6: Monitoring, Controlling, and Project Closure

- Reporting project accomplishments with earned value management.
- Implementing identified risk strategies.
- Techniques for effective project closure and learning from project outcomes.