



Project Management Fundamentals Training Course

24 – 28 January 2027
Cairo (Egypt)



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Introduction

In today's competitive and rapidly evolving business landscape, organizations increasingly rely on structured project delivery to achieve strategic objectives, manage change, and deliver measurable value. The Project Management Fundamentals course provides participants with a comprehensive understanding of the concepts, principles, and practices that underpin effective project management across industries. It establishes a strong theoretical foundation covering the full project lifecycle, from initiation through closure.

This Project Management Fundamentals training emphasizes internationally recognized project management principles that support consistency, accountability, and performance. It explores how projects differ from operations and why disciplined planning and control are critical to success. Participants gain insight into project management basics, governance structures, and stakeholder alignment within complex organizational environments.

Through structured learning, the Project Management Fundamentals program highlights the importance of integrating scope, schedule, cost, quality, and risk. It supports informed decision-making and improved project outcomes. It is suitable for diverse sectors, including investment, IT, engineering, and business services. Participants will develop the confidence and professional mindset required for entry-level project management roles and beyond.

Targeted Groups

This Project Management Fundamentals training targets professionals seeking knowledge and skills:

- Aspiring project managers entering professional project environments.
- Newly appointed project managers seeking structured foundations.
- Project team members supporting delivery activities.
- Business analysts are involved in project requirements.
- Engineers transitioning into project-based roles.
- IT professionals managing technical initiatives.
- Investment project coordinators and planners.
- Operations managers oversee improvement projects.
- Administrative staff supporting project documentation.
- Entrepreneurs managing startup and growth projects.
- Professionals preparing for project management fundamentals certification.

Course Objectives

Participants will achieve the following objectives by completing the Project Management Fundamentals course:

- Understand core terminology used in professional project environments.
- Clearly explain the lifecycle stages of project management foundations.
- Recognize how projects align with organizational strategy.
- Apply project management core fundamentals to structured planning.
- Define project scope, objectives, and success criteria accurately.
- Develop logical schedules and realistic cost estimates.
- Identify project risks and analyze their potential impact.
- Apply basic risk response and mitigation approaches.
- Understand governance, approval, and reporting structures.
- Apply project planning and control fundamentals conceptually.
- Manage stakeholder expectations through structured communication.
- Interpret project performance data and indicators.
- Understand quality planning and assurance principles.
- Support effective team coordination and role clarity.
- Apply professional project management fundamentals to case-based learning.

Targeted Competencies

Participants will gain the following competencies during the Project Management Fundamentals program:

- Clear understanding of project management principles and standards.
- Ability to structure projects using logical frameworks.
- Competence in defining scope, schedule, and cost elements.
- Awareness of quality management and control concepts.
- Skills in identifying and categorizing project risks.
- Improved stakeholder communication and engagement capability.
- Analytical thinking for monitoring project performance.
- Understanding of change control and impact assessment.
- Ability to support governance and reporting requirements.
- Foundational leadership awareness for project teams.
- A professional mindset aligned with project management fundamentals for professionals.

Studying Scenarios

In this Project Management Fundamentals training, participants develop skills through the following scenarios:

- Analyzing a delayed investment project to identify root causes.
- Reviewing scope definition errors in an IT initiative.
- Evaluating stakeholder conflicts and communication breakdowns.
- Interpreting schedule overruns using basic control indicators.
- Assessing cost estimation inaccuracies in planning stages.
- Identifying unmanaged risks affecting project delivery.
- Reviewing change requests and approval implications.
- Examining quality issues in project deliverables.
- Applying introductory project management concepts to real cases.

Course Content

Unit 1: Project Management Foundations and Principles

- Define projects, programs, and portfolios in organizational contexts.
- Explain the purpose and value of project management foundations.
- Differentiate between projects and operational activities.
- Understand the role of standards in learning project management fundamentals.
- Identify key roles and responsibilities in project structures.
- Explain the concept of project constraints and trade-offs.
- Understand stakeholder identification and classification concepts.
- Explore governance models supporting project oversight.
- Examine the ethical and professional responsibilities of project managers.

Unit 2: Project Initiation and Scope Planning Fundamentals

- Understand the purpose of project initiation processes.
- Define project objectives aligned with business needs.
- Develop conceptual project charters and approvals.
- Identify internal and external project stakeholders.
- Understand stakeholder expectations and influence.
- Define project scope boundaries and assumptions.
- Structure deliverables using work breakdown concepts.
- Identify constraints affecting project feasibility.
- Apply project management basics to early planning stages.

Unit 3: Schedule, Cost, and Resource Planning Concepts

- Understand activity definition and logical sequencing principles.
- Estimate durations using theoretical planning approaches.
- Develop conceptual project schedules for control purposes.
- Understand cost estimation and budgeting fundamentals.
- Identify resource requirements and allocation principles.
- Understand the relationship between scope, time, and cost.
- Apply baseline concepts for schedule and cost control.
- Understand performance measurement fundamentals.
- Introduce project planning and control fundamentals frameworks.

Unit 4: Risk, Quality, and Communication Management

- Understand the importance of proactive risk management.
- Identify common risk categories in projects.
- Analyze risk probability and impact conceptually.
- Define basic risk response strategies.
- Understand quality planning and assurance principles.
- Explain quality control and performance standards.
- Understand communication planning concepts.
- Identify reporting structures and information flow.
- Apply project management fundamentals to coordinate challenges.

Unit 5: Monitoring, Closure, and Practical Applications

- Understand monitoring and control objectives.
- Interpret key performance indicators conceptually.
- Understand integrated change control principles.
- Analyze deviations and corrective action concepts.
- Understand project closure processes and documentation.
- Identify lessons learned and the value of knowledge transfer.
- Evaluate project success from multiple perspectives.
- Apply project management fundamentals for development through case analysis.
- Integrate learning across the full project lifecycle.

Final Insights & Key Takeaways

The Project Management Fundamentals course provides a structured and professional foundation for understanding how projects are planned, managed, and controlled. Participants gain clarity on core concepts that support consistent and successful project delivery. The course strengthens theoretical knowledge essential for project management fundamentals skills pathways. Graduates leave equipped with a solid understanding of how effective project management drives organizational performance and strategic value.