



## course : Advanced Strategic Project & Risk Management

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|---------------------|------------|-------------------|--------------------------------------------|
| <b>City :</b>       | Cairo      | <b>Hotel :</b>    | Cairo Marriott Hotel & Omar Khayyam Casino |
| <b>Start Date :</b> | 2025-11-30 | <b>End Date :</b> | 2025-12-11                                 |
| <b>Period :</b>     | 2 Weeks    | <b>Price :</b>    | 5925 \$                                    |

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## Course Overview

This Advanced Strategic Project & Risk Management training course explores essential project management tools and techniques to ensure the successful delivery of medium to large and complex projects. The course provides a detailed examination of project management processes, including stakeholder management, and offers guidance on how senior managers can effectively support projects and project managers to achieve successful outcomes.

## Course Objectives

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

- Apply strategic project management tools and techniques for medium to large, complex projects.
- Define project roles, responsibilities, and scope to ensure quality project planning and execution.
- Develop accurate project plans, estimates, and schedules using critical path and critical chain methodologies.
- Identify, analyze, and effectively engage stakeholders to support project success.
- Conduct advanced risk and uncertainty analysis and implement robust risk management strategies.
- Monitor and control project execution to ensure adherence to objectives, timelines, and budgets.
- Enhance their ability to support and lead projects as senior managers or project managers.

## Target Audience

**Who Should Attend:**

- Project managers and team leaders managing medium to large projects
- Senior managers and executives responsible for project oversight
- Program and portfolio managers
- Risk management professionals
- Professionals seeking to enhance strategic project planning, execution, and control skills

## Methodology

This course adopts a highly interactive and practical approach, combining presentations, case studies, group discussions, and hands-on exercises. Participants will apply project management tools and risk management techniques in realistic scenarios, enabling them to practice planning, scheduling, stakeholder engagement, and risk mitigation strategies. The methodology emphasizes peer learning, critical reflection, and real-world application to ensure participants can immediately implement their skills in their professional environments.

## Course Outline

### Day 1: Introduction & Project Initiation

- Purpose and benefits of projects
- Features of effective project management
- Programme and portfolio management
- Organisational structures: pros and cons
- Building an effective project management culture
- Key elements of project governance
- Project selection and prioritisation
- Feasibility studies and financial justification (discounted & non-discounted techniques)
- Preparing a comprehensive project business plan
- Identifying and prioritising stakeholders
- Developing the project charter

### Day 2: Project Planning & Control

- The 10 Project Management Knowledge Areas
- Work Breakdown Structures (WBS) and their uses
- Creating project schedules and estimates
- Project monitoring, control, and reporting
- Critical path and critical chain methodologies
- Resource management and baselining
- Earned Value Method (EVM) for performance tracking

### Day 3: Risk Management Framework & Identification

- Understanding risk and its components
- Risk management objectives, purpose, and benefits

- Integrating risk management into project processes
- Risk identification inputs, tools, techniques, and guidelines
- Risk categories and outputs of risk identification
- Cost and schedule estimating in relation to risk
- Project risk rating and prioritisation

#### **Day 4: Risk Assessment, Quantification & Response Planning**

- Risk analysis: qualitative and quantitative approaches
- Probability and impact analysis
- Tools: PERT, Monte Carlo simulation, decision trees
- Developing risk response strategies for threats and opportunities
- Network diagramming, alternative responses, and reserves (contingency & management)
- Outputs of risk response planning

#### **Day 5: Risk Response Control & Project Closure**

- Executing the risk management plan
- Risk response control tools and guidelines
- Implementing risk strategies and evaluating results
- Project closure and evaluation
- Designing project methodology and defining roles/responsibilities
- Role of Project Sponsor and supporting project teams
- Developing organisational change proposals
- Securing a project mindset and commitment to action