Training
Course

Project Manager Project Planning, Scheduling & Cost Estimation

Skills
International
for Training & Consulting

سكلز
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للتدريب والإستشارات

Introduction

Effective project management is essential for delivering projects on time, within budget, and to the desired quality standards. The "Project Manager: Project Planning, Scheduling & Cost Estimation" course is designed to provide professionals with practical tools and techniques to manage the entire project lifecycle—from initiation and planning to execution and close-out. Participants will gain hands-on knowledge in developing project plans, creating realistic schedules, and performing accurate cost estimations to improve decision-making and project success rates.

Course Objectives:

- ✓ Understand the principles and lifecycle of project management.
- ✓ Develop comprehensive project plans aligned with organizational goals.
- ✓ Master scheduling techniques using tools such as Gantt charts, CPM, and PERT.
- ✓ Learn methods for accurate project cost estimation and budgeting.
- ✓ Manage resources, time, and costs effectively throughout the project lifecycle.
- ✓ Identify and mitigate project risks related to time and cost overruns.
- ✓ Use project management software to support planning and scheduling.
- ✓ Monitor, report, and control project performance using KPIs and earned value analysis.

Who Should Attend?

- o Project managers and project engineers
- o Planning and scheduling engineers
- o Cost estimators and cost control professionals
- o Construction, engineering, and operations managers
- o Team leaders and supervisors involved in project execution

Training Methods:

✔ Online Video material.

✔ Presentation.

✔ Live Interactive sessions.

✔ Course presenter will make extensive use of all tools that will be needed for the virtual environment.

✔ Questions & Answers

Course Outline:

Day One

- Overview of Project Management and Life Cycle
- Roles and Responsibilities of the Project Manager
- Project Initiation and Feasibility Assessment
- Defining Project Scope and Work Breakdown Structure (WBS)
- Project Planning Methodologies and Best Practices

Day Two

- Scheduling Tools: Gantt Charts, CPM, and PERT Techniques
- Resource Allocation and Leveling Techniques
- Critical Path Identification and Float Analysis
- Project Milestones and Deliverables Tracking
- Cost Estimation Techniques (Top-down, Bottom-up, Parametric, Analogous)

Day Three

- Budgeting and Forecasting for Project Success
- Risk Management in Scheduling and Costing
- Contingency Planning and Buffering Strategies
- Procurement Planning and Contract Costing
- Integration of Schedule and Cost: Time-Cost Trade-off Analysis

Day Four

- Earned Value Management (EVM): Concepts and Applications
- Monitoring and Controlling Project Progress
- Performance Measurement and Reporting Tools
- Using Software for Project Planning (e.g., MS Project, Primavera P6)
- Communication Planning and Stakeholder Engagement

Day Five

- Change Management and Its Impact on Project Schedule and Budget
- Quality Planning and Control in Project Execution
- Lessons Learned and Project Close-Out Procedures
- Project Audits and Compliance Checks
- Real-World Case Studies and Group Exercises on Planning, Scheduling, and Cost Control

Training Details

Course Duration	5 Days
Pre-Schedule	27 – 31 Oct 2025
Venue	Le Méridien Hotel – Barcelona Spain
Training Fees Per Person	KWD 1800 (One Thousand Eight Hundred Only)
Course Fees Include	✓ Tuition documentation ✓ Curriculum and Training Handout ✓ Five star Lunch ✓ Completion Certificates ✓ Lunch Included