

GLOBAL EXPERTS INSTITUTE FOR TRAINING.  
ISO 9001-2008 TRAINING PROVISION CERTIFIED

## Project Management of Engineering

### Schedule Dates:

<b>Start Date</b>	<b>End Date</b>	<b>Place</b>
25 Nov	29 Nov 2024	London – Doble Tree by Hilton Kensington

### Program Introduction:

In the engineering field, effective project management is crucial for the successful delivery of projects, whether in construction, manufacturing, or technology development. The course “Project Management of Engineering” aims to provide participants with a solid understanding of the principles and practices of project management specifically tailored to engineering projects. Through this course, participants will learn how to plan, execute, and control engineering projects efficiently while considering technical challenges, stakeholder expectations, and resource management.

### Program Objective:

- ✓ Understand the fundamental concepts of project management in engineering contexts.
- ✓ Learn to define project scope, objectives, and deliverables.
- ✓ Develop skills in project planning, scheduling, and resource allocation.
- ✓ Gain insights into risk management and mitigation strategies for engineering projects.
- ✓ Explore tools and methodologies for effective project execution and monitoring.
- ✓ Enhance communication and leadership skills necessary for managing engineering teams.
- ✓ Understand the importance of stakeholder engagement and management in engineering projects.

### Who should attend?

- Project managers and team leaders in engineering sectors.
- Engineers looking to advance their project management skills.
- Students pursuing degrees in engineering and project management.

- Professionals involved in construction, manufacturing, and technology development.
- Anyone interested in understanding the application of project management principles in engineering.

## Program Outlines

### *Day One*

- Introduction to Project Management in Engineering
- Project Lifecycle: Phases and Stages in Engineering Projects
- Defining Project Scope: Goals, Objectives, and Deliverables
- Project Planning: Developing a Comprehensive Project Plan

### *Day Two*

- Work Breakdown Structure (WBS) in Engineering Projects
- Scheduling Techniques: Gantt Charts and Critical Path Method (CPM)
- Resource Allocation: Human Resources, Materials, and Budgeting
- Cost Estimation and Financial Management in Engineering Projects

### *Day Three*

- Risk Management: Identifying and Mitigating Risks
- Quality Management in Engineering Projects
- Change Management: Handling Scope Changes and Variations
- Communication Strategies for Engineering Project Teams

### *Day Four*

- Stakeholder Identification and Engagement
- Monitoring and Controlling Project Progress
- Using Project Management Software and Tools
- Team Leadership and Motivation in Engineering Projects

### *Day Five*

- Sustainability and Environmental Considerations in Engineering
- Case Studies: Successful Engineering Projects
- Lessons Learned: Analyzing Project Failures and Successes
- Final Project: Developing a Project Management Plan for an Engineering Project

### Training Methodology:

- Slide presentations
- Interactive discussion
- Simulations and Gamification
- Online Video material

### Cost Quotation in Kuwaiti Dinars

#### The total cost includes:

- Instructor(s) expenses
- Training materials
- Certification
- Lunch Included

**Total Cost: 1400 KD per Participant**  
( One Thousand Four Hundred Kuwaiti Dinar )