



*Training Course:
Excellence in Engineering Project Management*

*8 - 12 February 2027
Kuala Lumpur (Malaysia)*

Training Course: Excellence in Engineering Project Management

Training Course code: EN235665 From: 8 - 12 February 2027 Venue: Kuala Lumpur (Malaysia) - Training Course Fees: 6825 € Euro

Introduction

Engineering projects are increasingly complex, requiring a balance of technical expertise, strategic planning, cost control, and effective leadership. Achieving excellence in engineering project management demands the integration of best practices, modern methodologies, and performance-driven execution.

This 5-day intensive training program, developed by [Global Horizon Training Center](#), equips engineering professionals with the essential tools and techniques to successfully plan, execute, and deliver projects. The program focuses on real-world engineering challenges, emphasizing efficiency, risk management, stakeholder coordination, and project performance optimization.

Participants will gain practical insights into managing engineering projects from initiation to completion while ensuring quality, safety, and cost-effectiveness.

Course Objectives

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

- Apply project management principles in engineering environments
- Plan and schedule engineering projects effectively
- Manage project scope, cost, and resources
- Identify and mitigate project risks
- Enhance communication and stakeholder management
- Monitor and control project performance
- Deliver projects on time, within budget, and to required quality standards

Target Audience

- Engineering Project Managers
- Mechanical, Electrical, Civil, and Industrial Engineers
- Project Coordinators and Supervisors
- Operations and Technical Managers
- Professionals involved in engineering project execution

Outline

Day 1: Foundations of Engineering Project Management

- Project management principles and frameworks
- Engineering project lifecycle initiation to closure
- Defining scope, objectives, and deliverables
- Roles and responsibilities in engineering projects

Day 2: Planning, Scheduling, and Resource Management

- Work Breakdown Structure WBS
- Project scheduling techniques Gantt, CPM basics
- Resource planning and allocation
- Time management and milestone tracking

Day 3: Cost Management and Risk Control

- Budgeting and cost estimation
- Cost control and performance tracking
- Risk identification and assessment
- Risk mitigation strategies

Day 4: Execution, Monitoring, and Quality Management

- Project execution strategies
- Monitoring progress and performance KPIs
- Quality assurance and quality control QA/QC
- Managing changes and project variations

Day 5: Leadership, Communication & Project Delivery Excellence

- Leadership skills for engineering managers
- Stakeholder communication and engagement
- Conflict resolution and decision-making
- Final workshop: Managing a complete engineering project
- Review and evaluation

Registration form on the Training Course: Excellence in Engineering Project Management

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

Delegate Information

Full Name (Mr / Ms / Dr / Eng):
Position:
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Personal E-Mail:
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Address:
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Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng):
Position:
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Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
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