



*Training Course:
Excellence in Engineering Project Management*

*17 - 21 March 2025
Barcelona (Spain)
Grupotel Gran Via 678*

Training Course: Excellence in Engineering Project Management

Training Course code: EN235665 From: 17 - 21 March 2025 Venue: Barcelona (Spain) - Grupotel Gran Via 678 Training Course Fees: 6300 € Euro

Introduction

The Excellence in Engineering Project Management program, designed and delivered by the Global Horizon Training Center, is a comprehensive training initiative tailored for engineering professionals seeking to elevate their project management skills. This program equips participants with advanced tools, methodologies, and best practices to handle complex engineering projects efficiently. With a focus on aligning technical expertise with project management excellence, the program fosters the ability to deliver projects on time, within scope, and budget while ensuring quality and compliance with industry standards.

Objectives

- Understand the core principles and frameworks of project management in engineering contexts.
- Develop proficiency in planning, scheduling, and resource allocation for engineering projects.
- Learn to mitigate risks and handle project uncertainties effectively.
- Enhance communication, leadership, and stakeholder management skills in engineering projects.
- Apply modern tools and software for tracking and monitoring project progress.

Course Methodology

- Interactive Workshops: Engage in hands-on sessions and group discussions to address real-world challenges.
- Case Studies: Analyze industry-relevant scenarios to apply learned concepts.
- Simulation Exercises: Practice project planning and execution through simulation tools.
- Role-playing Activities: Enhance decision-making and conflict-resolution skills.
- Expert Lectures: Gain insights from seasoned industry professionals.
- Feedback and Assessment: Receive personalized feedback to strengthen learning outcomes.

Organizational Impact

- Improved efficiency in managing engineering projects and meeting deadlines.
- Enhanced team collaboration and stakeholder satisfaction.
- Better risk identification and mitigation strategies.
- Cost optimization through effective resource management.
- Elevated organizational reputation through successful project delivery.

Target Audience

- Project managers and team leaders in engineering sectors.
- Engineers transitioning into managerial roles.
- Professionals involved in construction, manufacturing, and infrastructure projects.
- Consultants and contractors aiming to improve project outcomes.
- Senior executives overseeing engineering project portfolios.

Detailed 5-Day Course Outline

Day 1: Fundamentals of Engineering Project Management

- Introduction to project management principles.
- The project lifecycle: phases and deliverables.
- Overview of engineering-specific challenges.
- Defining project scope, goals, and objectives.

Day 2: Planning and Scheduling in Engineering Projects

- Developing project plans and work breakdown structures WBS.
- Mastering scheduling techniques: Gantt charts, CPM, and PERT.
- Resource estimation and allocation strategies.
- Tools and software for project planning.

Day 3: Risk Management and Quality Assurance

- Identifying, assessing, and mitigating project risks.
- Managing uncertainty in engineering projects.
- Quality assurance and control techniques.
- Standards and compliance in engineering project management.

Day 4: Leadership, Communication, and Stakeholder Management

- Building and leading high-performing project teams.
- Effective communication strategies for engineering contexts.
- Managing stakeholders: expectations, conflicts, and negotiations.
- Ethical considerations in project management.

Day 5: Project Monitoring, Evaluation, and Closure

- Tracking project performance and progress.
- Key performance indicators KPIs for engineering projects.
- Conducting project reviews and evaluations.
- Best practices for project closure and lessons learned.

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

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Payment Method

- Please find enclosed a cheque made payable to Global Horizon
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