

EPCIC Project Management: Master Engineering, Procurement, Construction & Commissioning

Kuala Lumpur (Malaysia) 6 - 10 April 2026



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### EPCIC Project Management: Master Engineering, Procurement, Construction & Commissioning

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### Introduction

In a rapidly evolving business landscape, especially across the Middle East and North Africa region, the demand for advanced project management skills is more critical than ever. The EPCIC Project Management Course: Engineering, Procurement, Construction, Installation, and Commissioning Mastery is designed to meet the unique needs of executives, team leaders, and specialists across public and private organizations.

This comprehensive course equips participants to expertly manage large-scale, complex projects from initial engineering design to final commissioning.

Whether you re an early- or mid-career professional looking to build solid technical foundations, or a senior executive aiming to enhance your strategic leadership capabilities, this course provides the tools and insights you need to deliver real results and improve organizational performance.

### **Course Objectives**

- Understand the fundamental concepts of EPCIC project management.
- Develop advanced strategic and operational planning skills.
- Apply best practices in procurement and contract management.
- Analyze and manage operational and technical risks.
- Ensure quality and efficiency throughout all project phases.
- Strengthen leadership abilities and improve cross-functional communication.
- Enhance data-driven decision-making skills.
- Master performance monitoring and final result analysis.

### **Course Outlines**

### Day 1: Advanced Introduction to Integrated Project Management

- Comprehensive overview of the full EPCIC project lifecycle.
- Define roles and responsibilities of all stakeholders.
- Review organizational structures for major infrastructure projects.
- Analyze common challenges in large-scale projects.
- Discuss real-world case studies and practical examples.
- Interactive workshop on identifying initial project requirements.

### Day 2: Engineering Planning and Design

- Establishing robust engineering design foundations.
- Preparing detailed technical execution plans and schedules.
- Analyzing potential technical risks during design.
- Reviewing and validating local and international standards and specifications.

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- Creating realistic timelines to minimize delays.
- Managing and documenting technical changes effectively.





### Day 3: Procurement and Contract Management

- Developing effective negotiation strategies with suppliers and contractors.
- Strategic procurement planning aligned with project needs.
- Ensuring quality control and compliance during procurement.
- Drafting flexible and risk-reducing contracts.
- Monitoring performance and integrating procurement with execution.
- Practical exercise on creating a comprehensive procurement plan.

### Day 4: On-site Construction and Installation

- Structuring on-site activities in a phased and controlled manner.
- · Applying occupational safety and health measures on site.
- Ensuring quality assurance during construction and installation.
- Facilitating effective coordination between field teams and headquarters.
- Managing unexpected challenges and emergency situations.
- Practical exercise on developing a detailed installation plan.

#### Day 5: Commissioning and Final Handover

- Conducting system readiness tests and performance checks.
- Documenting test results and preparing final reports.
- Formally handing over the project to the client or end user.
- Evaluating outcomes and ensuring compliance with all standards.
- Preparing closure reports and capturing lessons learned for future projects.
- Final practical exercise on drafting a commissioning and handover report.

### Why Attend this Course: Wins & Losses!

- Strengthen your skills in leading complex, multi-phase projects.
- Gain practical, immediately applicable knowledge.
- Earn a recognized certification that boosts your career prospects.
- Expand your professional network across various sectors.
- Learn the latest global best practices in project management.
- Enhance personal and organizational performance holistically.
- Increase your ability to achieve success in large-scale, high-stakes projects.
- Improve your decision-making through robust analytical skills.

### Conclusion

The EPCIC Project Management Course: Engineering, Procurement, Construction, Installation, and Commissioning Mastery offers a powerful opportunity to elevate your technical, operational, and leadership capabilities. This course delivers in-depth knowledge and practical experience to prepare you for managing major projects with excellence.

Through structured content, hands-on workshops, and real-world analysis, you will be empowered to enhance your performance, strengthen your team<sup>1</sup>s capabilities, and contribute significantly to your organization<sup>1</sup>s success.Investing in your professional development demonstrates your commitment to growth and positions you as

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a key contributor to strategic goals. Take this chance to transform your career journey and create measurable impact in your workplace.





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