MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net

QUALIFYING ENGINEERS TO BECOME EFFECTIVE PROJECT MANAGERS تأهيل وتطوير المهندس الي مدير مشاريع فعال

"Empowering Engineers with the Skills to Lead Projects Successfully."

Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** In-House Training

Introduction

Engineering excellence does not automatically translate to project leadership. This course bridges the gap between technical expertise and project management competency by equipping engineers with the essential tools, mindset, and skills required to successfully lead projects. Through practical methods, real-life case studies, and interactive simulations, engineers will transition from technical contributors to strategic leaders in the project environment.

Objectives

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

- Understand the full lifecycle of project management from initiation to closure
- Apply project planning, execution, and control tools (WBS, Gantt, CPM, risk registers)
- Develop communication, leadership, and stakeholder management skills
- Manage scope, cost, time, quality, and risks effectively
- Transition from task-oriented to results-oriented project thinking

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Why Attend

- Learn how to lead projects, not just work on them
- Gain immediate tools to improve current project performance
- Understand how to align project objectives with organizational strategy
- Become a stronger communicator and decision-maker under pressure

Target Audience

- Engineers newly promoted or preparing for project management roles
- Site Engineers and Technical Leads
- Engineering Team Leaders
- Supervisors aspiring to project management positions

Individual Benefits

- Enhanced career progression into leadership roles
- Practical knowledge of modern project management frameworks (PMI, Agile basics)
- Improved cross-functional team coordination
- Confidence in managing time, resources, and project stakeholders

Organizational Benefits

- Develop future-ready project managers from within engineering teams
- Increase success rate of technical projects through structured management
- Reduce delays, rework, and miscommunication across departments
- Foster a culture of proactive leadership and ownership

Instructional Methodology

- Interactive instructor-led sessions
- Group project simulations and role-play
- Workshops using real project templates (WBS, stakeholder maps, Gantt charts)
- Case study analysis of engineering project successes and failures
- Quizzes and hands-on planning exercises

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Course Outline

DETAILED 5-DAY COURSE OUTLINE (Customizable) Training Hours: 07:30 AM – 03:30 PM Daily Format: 3–4 Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Transitioning from Engineer to Project Leader

- The mindset shift: technical doer to project owner
- Understanding project management processes
- Roles and responsibilities of a Project Manager
- Project life cycle overview

Day 2: Project Planning Essentials

- Work Breakdown Structures (WBS)
- Gantt charts and scheduling (MS Project intro)
- Time and resource estimation techniques
- Scope planning and control

Day 3: Budgeting, Cost Control & Risk Management

- Cost estimation and budget baselines
- Risk identification, analysis, and mitigation planning
- Earned Value Management (EVM)
- Risk registers and contingency plans

Day 4: Communication, Leadership & Team Management

- Building and motivating project teams
- Effective communication strategies
- Stakeholder identification and engagement
- Conflict resolution and leadership styles

Day 5: Monitoring, Controlling & Closing Projects

- Project dashboards and performance tracking
- Quality assurance and control techniques
- Final deliverables and project closure
- Post-project evaluation and continuous improvement

Certification

Participants will receive a Certificate of Achievement titled: “Certified Project Leadership Training for Engineers”

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**

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