

Manufacturing Project Management 3 Day Workshop

In House Course



For Project Managers who need to engage users in the **"Design, Specification and Delivery of Better Manufacturing Solutions"**

Unlike generic Project Management methods with their emphasis on managing contractual arrangements, this course is designed to meet the needs of the managers, team leaders and engineers delivering projects involving close collaboration with users, key stakeholders and budget holders to get best value solutions. That includes managing transitions from current to future operations with the minimum impact on customer order fulfilment.

Suitable for those who have been tasked with delivering operational improvement or engineering projects including Focused Improvement, New Product Introduction, Kaizen activities, Layout changes, shut downs, new equipment introduction, IT system implementations or changes to business processes. What these projects have in common is the need to collate internal knowledge, facilitate decision making, co-ordinate the part time involvement of internal resources, commissioning and engaging people with changing ways of working. These are projects where in addition to traditional planning, organisation and control of tasks, the project manager needs to become a team leader, facilitator and internal consultant.

Course content includes a mix of theory, case studies and practical exercises to provide experience of applying Project Management Processes that

- Facilitate cross functional collaboration and engagement of those involved in today's operations with the future success of the project to deliver buy in and support for change
- Encourage knowledge sharing, timely release of resources and effective decision making to deliver better solutions
- Coordinate the transition from "current to new" in a way that minimises the impact on customer service levels and delivers faster operational gains.

For more information and a copy of our prospectus please email info@dakconsulting.com, log onto our website at www.dakacademy.com or call +44 (0)1491 845504.

Manufacturing Project Management

Location: In House

Cost: £4500 plus VAT for up to 10 delegates.

Prices include all course materials and course leader expenses.

Why attend this workshop?

- Understand best practice for managing and controlling an manufacturing/engineering projects including
 - Delivering equipment and new technology
 - Delivering operational change
 - Delivering business systems
 - Delivering new customer products/services
- Learn how to lead project teams in a way that supports innovation and engagement to enhance project value and sustained improvement.
- Know how to take a structured approach to project definition, justification and delivery
- Be able to manage activities throughout a project life cycle.

Who should attend?

The workshop content is designed to help for those who have been tasked with delivering operational improvement. It is also relevant for:

- Managers, Process Engineers and Change Agents
- Team Leaders and Maintenance Engineers

DAY 1

Introduction

Developing the project plan

- Confirming the scope, Developing the quality plan and task lists.
- Defining the team and resource profiles, Developing the timetable.
- Mobilising the project, Managing risks, Managing progress.
- Measuring results and learning from experience.

Managing people and teams

- Working with multi discipline teams, Creating a practical team vision.
- Encouraging Innovation and creativity.
- Using visual management (improving understanding, exploring options, coordinating resources, mapping out collaborative interactions.
- Using software (portals, document management, timetables and resource management).
- Managing technical change management.

DAY 2

Recap

Personal organisation

- Getting organised.
- Developing Project management standard work.
- Managing time, knowing your time traps.
- Keeping in touch.
- Meeting disciplines.

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Knowledge management

- Understanding success criteria,
- Collating tacit knowledge as design standards.
- Testing/learning through the use of models.
- Understanding life cycle costs.

Working with vendors and partners

- Setting design goals for low life cycle cost.
- Defining design modules.
- Selecting vendors.
- Creating a shared project vision with clear accountabilities.
- Collaborating on design/sharing knowledge.
- Teasing out design weaknesses.
- Value engineering.
- Defining the installation plan.

DAY 3

Recap

Equipment commissioning

- Planning the commissioning activity.
- Pre-commissioning including FAT, installation hand over and SAT.
- Inspections and testing.
- Managing the commissioning process.
- Refining ways of working.
- Managing the training process.
- Assessing completion stages and completing Site Acceptance Testing.
- Post commissioning.

Learning from experience

- Capturing lessons.
- A3 process case study.

Developing a practical 90-day action plan

- Developing a vision the team can get behind.
- Defining a realistic and achievable 12-month outcome.
- Delivering results.

Review of the Workshop

- Benefits, Concerns, Q&A.

Workshop Leader

The workshop will be led by Dennis McCarthy- DAK Consulting.

Dennis began his career as an Industrial Engineer and led a number of major Logistics projects. He progressed to European Project Manager for a US Multinational managing pan European Manufacturing, Logistics and IT projects. As a consultant, he has supported manufacturing improvement programmes ranging in size from small single site applications to companywide multi-site transformation programmes in Europe, USA, India and China. This has included support for well-respected and award winning companies such as 3M, Ford, General Motors, Heineken, Pepsi, Rolls Royce and Ikea.

