



Course Overview

This course offers a comprehensive and detailed insight into project controls. It covers estimating, planning, cost engineering, risk management, monitoring and control and much more. There is a particularly in-depth emphasis on planning, scheduling and earned value from first principles. To solidify the learning, delegates develop worked examples from a simulated *real world* project case study, with associated data and exercises. In doing this, delegates use a range of best practice tools and techniques to acquire the understanding and skills for project success.



Course Style

Course style is virtual instructor-led. Delegates are provided with access to the GO FORTH Microsoft Teams environment that is specially configured for enhanced collaboration. The rich and high-quality interactive virtual learning workspace helps replicate the physical classroom environment, whilst providing all the advantages of a structured virtual learning environment



Course Duration

5 x 5-hour virtual days (9.00am to 2.00pm) = **25 hours**



Course Content

- Project control overview
- Lifecycle and methods
- Organisation and roles
- Key skills and behaviours
- Initiating a project
- Planning
- Scope management
- Estimating and Whole Life Costing
- Scheduling
- Resource Management
- Monitoring and Control (Earned Value)
- Risks and Issues
- Quality Management
- Procurement and Contracts
- Change Control
- Information Management
- Handover and closure
- Professionalism and Ethics



Who Should Attend?

Project Control generalists or specialists (Planning, Scheduling, Cost, Estimating Risk etc.) especially graduates, apprentices, trainees and mid-level practitioners) or those who are being prepared for a project controls role. Others such as PMO members, Project Engineers, Commercial and Quantity Surveyors, Data Analysts, Reporting Analysts, Design Engineers (Process, Electrical, etc.), Site Engineers, Proposals Coordinators, Validation Engineers, System Engineers. Document Controllers, Quality Controllers and as a refresher for managers.



Learning Objectives

- Appreciate project processes and life cycles
- Recognise the importance of developing effective teams, communication techniques and stakeholders
- Use critical path analysis, manage resource conflicts
- Contribute to the development of the business case and project execution plan
- Understand how to identify and manage risks
- Select and apply monitoring and control methods.
- Use a systematic approach to analysing and planning
- Apply work breakdown structures and map project roles and responsibilities
- Appreciate the importance of effective project information management
- Appreciate relevance of change control
- Understand the importance of handover

***ECITB grant support may be available to member companies,
please contact your account manager to discuss your requirements.***

To arrange a course or placement or find out more

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