

# Course Description



## **Integrated Planning, Performance & Control for Successful Project Delivery**

### **Mastering Project Controls in Today's World**

#### **Course Summary**

In today's complex delivery environments, effective project control goes beyond tracking progress. It requires integrated planning, real-time data insight, proactive decision-making, and alignment with strategic outcomes.

This intensive five-day experiential programme is based on the APM's "Project Controls in the 21st Century" guidance and is designed to develop modern project control capability across planning, scheduling, cost management, risk, and performance control.

Through scenario-based simulations, data interpretation exercises, and role-based decision workshops, delegates will learn how to design and operate integrated project control systems that support informed decision-making and successful delivery.

The programme focuses on practical application of project controls in real-world environments, including complex, uncertain, and fast-moving projects.

#### **Why You Should Attend**

Traditional approaches to project control often fail to provide timely, accurate insight for decision-making. Modern project environments require integrated, forward-looking control practices.

This programme enables participants to:

- Move from reporting to insight-driven control
- Integrate scope, schedule, cost, and risk effectively
- Improve forecasting and performance visibility
- Support better decision-making through data
- Apply modern project control techniques in complex environments
- Strengthen governance and assurance capability

Delegates will gain the tools, techniques, and mindset needed to deliver effective project control in contemporary organisations.

#### **Learning Outcomes**

By the end of this programme, delegates will be able to:

- Design and implement integrated project control frameworks

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- Develop and manage schedules, cost plans, and performance baselines
- Apply performance measurement techniques such as Earned Value Management
- Interpret project data to support decision-making
- Integrate risk and uncertainty into planning and forecasting
- Monitor and control project performance proactively
- Communicate performance insights clearly to stakeholders
- Support governance and assurance processes effectively

## Organisational Impact

Organisations benefit when project control functions provide clear, accurate, and timely insight.

### This programme supports organisations to:

- Improve project performance visibility and control
- Strengthen forecasting accuracy and decision-making
- Enhance integration across planning, cost, and risk functions
- Reduce delivery risk through proactive management
- Improve governance and reporting quality
- Enable data-driven decision making at all levels
- Build consistent and scalable project control capability

## Delegate Impact

Participants completing this programme will:

- Develop stronger analytical and data interpretation skills
- Improve their ability to forecast project outcomes
- Gain confidence using integrated control techniques
- Strengthen communication of performance information
- Enhance their ability to support project and programme leaders
- Learn to move from reactive reporting to proactive control
- Expand their professional capability in project controls

Delegates leave with practical approaches that can be applied immediately within live projects.

## Methodology

This programme uses experiential learning and integrated project simulations to develop applied project control capability.

Delegates work through a complex project case study, where they establish baselines, monitor performance, and respond to emerging issues.

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Learning methods include:

- Integrated planning workshops
- Schedule and cost modelling exercises
- Performance data analysis simulations
- Forecasting and decision-making scenarios
- Role-play of governance and reporting situations
- Case study discussions
- Facilitated reflection and peer learning

Participants rotate roles such as:

- Project Controls Manager
- Planner / Scheduler
- Cost Engineer
- Risk Manager
- Project Manager
- Sponsor / Governance Board

## Who Should Attend

This programme is designed for professionals involved in planning, monitoring, and controlling project delivery.

Suitable participants include:

- Project Controls Managers and Engineers
- Planners and Schedulers
- Cost Engineers
- Project Managers
- Programme Managers
- PMO professionals
- Risk and performance analysts

Delegates will benefit most if they have experience working in project delivery or control environments.

## Day-by-Day Course Outline

### Day 1 – Foundations of Modern Project Controls

The first day introduces the role of project controls in modern delivery environments and the principles outlined in APM guidance.

Topics include:

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- The purpose and value of project controls
- Integrated control across scope, schedule, cost, and risk
- The shift from reporting to insight and decision support
- Control frameworks and governance
- Data quality and information management

Delegates participate in an initial project setup simulation, establishing control structures and defining baseline approaches.

## **Day 2 – Planning, Scheduling & Baselines**

Effective control begins with robust and integrated planning.

Topics include:

- Developing project schedules and work breakdown structures
- Critical path and dependency management
- Resource planning considerations
- Establishing cost baselines
- Linking scope, schedule, and cost

Delegates participate in planning workshops, developing integrated schedules and baselines for a case study project.

## **Day 3 – Performance Measurement & Forecasting**

Day three focuses on measuring performance and forecasting outcomes.

Topics include:

- Performance measurement principles
- Earned Value Management (EVM)
- Variance analysis
- Forecasting techniques
- Interpreting performance data

Delegates engage in performance analysis simulations, reviewing project data and identifying corrective actions.

## **Day 4 – Risk, Uncertainty & Integrated Control**

Modern project controls must account for uncertainty and dynamic environments.

Topics include:

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- Integrating risk into planning and forecasting
- Risk-adjusted schedules and cost estimates
- Scenario analysis and sensitivity
- Managing uncertainty in complex projects
- Linking risk with performance management

Delegates participate in risk-integrated control simulations, responding to emerging uncertainties affecting project performance.

## **Day 5 – Governance, Reporting & Decision Support**

The final day focuses on how project controls support governance and decision-making.

Topics include:

- Designing effective reporting frameworks
- Visualising data and dashboards
- Communicating insights to stakeholders
- Supporting governance and assurance processes
- Driving decision-making through project controls

Delegates participate in a project control crisis simulation, presenting performance insights and recommendations to a governance board under pressure.

The programme concludes with reflection on applying modern project control practices within participants' organisations.