

Project Control Effective Management

Training program

Introduction:

In today's turbulent fast-moving business environment, it is vital that organizations are able to predict the realization of value from their work. One of the most dominant approaches to the generation of value is by using project management to deliver valuable outcomes. However, many projects significantly overrun the project schedule and budget, and as a consequence fail to achieve the organization's financial and strategic objectives. Sometimes these failures are magnified due to senior management not being warned of the situation until far too late in project execution. Why? This is due mainly to the failure of many project managers to successfully apply the tools and techniques of modern project planning, monitoring, control and progress reporting on their projects. This course will feature the added value to be achieved when effective control mechanisms are applied using project management techniques.

This course will feature:

- Examination of effective governance mechanisms to support planning, execution (change) and performance management
- Reasons why failure to recognize key control points lead to poor project performance
- Explanations of the different controlling techniques used by predictive and adaptive project management approaches
- Demonstration of techniques to control expectations through effective stakeholder management
- Application of core planning techniques to enable management to control project scope, schedule, costs, uncertainty and quality

Who Should Attend?

Construction Engineers, Senior Construction Engineers, Construction Supervisors, Construction General Supervisors, Construction Project Managers, Engineering Technologists, Supervision Engineer, Inspection Engineers, Civil Inspectors, Foremen, Design Structural Engineers, Planners, Structural Engineers, Material Specialists, Quality Control and Quality Assurance Experts, Architects, Supervision Engineers, Team Leaders, Site Officers and Managers, Mechanical Engineers, Technical Professionals, Field Production Supervisor, Operation Engineers, Clients Representatives, Associate Project Managers, Project Managers, IT Project Managers, Project Coordinators, Project Analysts, Project Leaders, Senior Project Managers, Team Leaders, Product Managers, Program Managers, Project Sponsors, Project Team Members.

Course Objectives:

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

- Avoid waste (and potential failure) by controlling the expectations and understanding of key stakeholders (customer, sponsor, team) in regard to project objectives and required outcomes
- Develop key baseline plans that can be used to control project progress
- Propose the use of either adaptive or predictive approaches depending upon the project environment
- Work within effective project governance structures to control the appropriate involvement of senior management when needed to ensure project success
- Control project execution by using standard monitoring and change management practices

Course Outline:

Understanding How Projects Lose Control: Success and Failure

- Characteristics of projects
- Fundamentals of project management
- Project Governance, controlling project selection
- Project Governance, controlling project commencement using the charter
- Controlling understanding, effective kickoff with the project team

Enabling Control through Core Planning Techniques

- Controlling what is to be delivered, requirements collection & detailed specifications
- Controlling how it will be delivered, work breakdown structures
- Controlling when it will be delivered, building the schedule baseline
- Controlling stakeholder expectations, optimize the schedule
- Controlling how much the delivery will cost, estimation and construction of the project budget

Enabling Control: Additional Planning Techniques

- Controlling uncertainty, risk management
- Controlling stakeholders, communications considerations
- Controlling adversity through effective contingency planning
- Flexible management issues management
- Measurement techniques to control project performance
- Controlling information, status reporting

Monitoring and Controlling Project Performance

- Variance analysis using earned value management
- Forecasting to control project budgetary and schedule concerns
- Managing change
- Advanced status reporting techniques

Controlling Project Closure & Addressing Unpredictability

- Scope verification, requirements traceability
- Management of project records
- Continuous learning techniques through project retrospective
- Controlling project close-out
- Controlling volatile environments, adaptive project management
- Contrasting control mechanisms between predictive and adaptive project management