



## TRAINING COURSE OUTLINE

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### Project Estimating Skills – 1 or 2 Days

Businesses are undergoing change at an unprecedented rate which shows no signs of abatement, and Projects are the vehicle for implementing such change. The benefits of using defined methods for Project Management have long been recognised, but projects often still fail to deliver within planned timescales and budgeted costs. Effective estimating is central to project business cases, planning, delivery and ultimate return of investment.

This training course provides delegates with a detailed understanding, and practical experience of a range of proven, best-practice techniques and approaches for project estimating including (as required) those drawn from PRINCE2, APM, PMI and Agile approaches such as Scrum and DSDM.

The application of sound project estimating theory to real-world situations is illustrated through examples and case studies so that those who attend this course will leave with the necessary skills for effective estimating on a range of project types in both the IT and non IT business contexts.

#### Audience

Anyone who is involved in the estimation of work: Project and Programme Managers; Project, Team and Project Strand Leaders and members, Project Office and Project Assurance staff and consultants.

#### Content

- Foundations and Principles of Effective Estimating
- Top-down Estimating
- Bottom-up Estimating
- What techniques to use and when
- Expert Judgement
- Estimating by Analogy
- Lifecycle Phase Distribution Estimating
- Historical Comparison
- Weighted Average (WAVE) Estimating
- Estimating by Extrapolation
- Object-Based Estimating
- Delphi Methods
- Point-Based Estimating
- Estimating by Velocity
- Ensuring Accuracy of Estimates
- Communicating Estimates

#### Additional Details

**Duration** 1 or 2 days as required

**Setup** Laptop projection; flip charts; space for groups of three or four to work together in comfort

**Options** This course can be delivered with a focus on any chosen method or combination of methods: PRINCE2, PMI, APM, Agile approaches such as Scrum or DSDM or any client-specific local practices.