



## Project Management for Managers

This course covers a holistic discussion of a Project Management Methodology that is aligned with the Project Management Body of Knowledge (PMBOK) and PRINCE2. It focuses on how effective project cost management pave way to having a project budget that realistically reflects the costs for executing a project.

This course gives managers the tools they need to develop reliable cost estimates through assessment of project resources, applying various cost estimating methods, adjusting the estimates based on resource availability and project risk. This course also covers how to evaluate the quality of cost estimates prepared by others.

### Topics

- I. Project Lifecycle
  - a) Product-oriented Lifecycle
  - b) The Project Roadmap
  - c) Project Cost Management Knowledge Area
- II. Project Initiation
  - a) Overview of Cost Estimation Process
  - b) Inputs/Outputs of the Cost Estimation Process
  - c) Tools and Techniques for the Cost Estimation Process
- III. Project Planning
  - a) Project Resources that influence Project Costing
  - b) Project Risks that influence Project Costing
  - c) Project Scheduling
    - i. Work Breakdown Structure Modeling
    - ii. Precedence analysis
    - iii. Multiple Project Scheduling
    - iv. Mapping of Resources to Schedules
  - d) Project Costing
    - i. Analogous Estimating
    - ii. Parametric Estimating
    - iii. Bottom-up Estimating
    - iv. Using Work Packages to Develop a Bottom-up Cost Estimate
  - e) Budget Determination
    - i. Budgeting Techniques
    - ii. Time-Phased Budgeting
    - iii. Evaluation of Quality of Estimates
- IV. Project Execution
  - a) Monitoring and Controlling Project Costing
  - b) Earned Value Management
    - i. Schedule Variance
    - ii. Schedule Performance Index
    - iii. Cost Variance
    - iv. Cost Performance Index
  - c) Schedule Performance Measurement
  - d) Project Reporting
- V. Project Closure
  - a) Review Project Cost Performance

*(Topics continuation)*

**Duration** 3 day(s)