

Technical Project Management

Learn via: **Classroom / Virtual Classroom / Online**

Duration: **3 Day**

<https://bilginc.com/en/training/technical-project-management-3200-training/>

Overview

Apply WBS and network development

Identify potential problems and solve them using troubleshooting techniques

Track projects more effectively

Create status reports that show top management where budgeting, scheduling and manpower trends are headed

Cope with tight IT and technical project schedules

Prerequisites

There are no prerequisites for this course.

A best-selling seminar for managers and team members involved in IT and technical project management

Who Should Attend

Associate project managers, project managers, IT project managers, project coordinators, project leaders, senior project managers, team leaders, product managers, program managers,

What You Will Learn

In just 3 days, you'll understand the unique challenges of managing IT and technical projects and discover how applying project management methodology can give you a step-by-step approach to tackling your toughest challenges. You'll discuss the value of planning, scheduling and how to manage scope. Use tools and techniques to establish a sound estimating process. Find out how to keep projects on track and evaluate project performance. And participate in communications exercises to help successfully lead project teams.

Outline

The Project Management Framework

- Define the Basic Project Management Framework
- Describe Key Project Management Terminology
- Explain Project Constraints and the Project Triangle
- Differentiate Between Operations and Projects
- Describe Project Management in a Business Context
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Initiate the Project

- Discuss How Projects Are Initiated
- Identify the Difference Between Project Requirements and Product Requirements
- Describe the Purpose and Content of the Project Charter
- Describe Two Methodologies for Developing Software—Waterfall and Iterative
- Describe the Purpose and Content of the Product Requirements Document
- Use the SMART Model When Writing Requirements
- Identify Information-Gathering Techniques

Identify the Work

- Discuss the Purpose of a Kickoff Meeting
- Develop a Work Breakdown Structure (WBS)
- Estimate the Work

Discuss Guidelines for Making Better Estimates

- Explain the Use of Three-Point Estimates
- Demonstrate the Concept of Rolling Wave Estimating

Schedule the Work

- Describe Task Dependencies
- Identify the Sequence of Tasks via Precedence Diagramming
- Develop the Project Schedule

Create the Budget

- Determine the Personnel Costs Needed for the Success of the Project
- Determine the Expense Costs Needed for the Success of the Project
- Differentiate Between Bottom-Up and Top-Down Cost Budgeting, and State Which Is More Appropriate for Different Situations

Complete the Plan

- Create the Project Communications Plan
- Describe the Project Risk Management Processes
- Describe the Purpose of the Project Procurement Plan
- Discuss the Purpose of Reserves

Execute the Plan

- Create a Project Status Report
- Describe the Key Elements Required to Determine Project Health
- Describe How to Run an Effective Project Status Meeting
- Describe the Change Management Process

Close the Project

- Identify the Elements of Both Administrative and Contractual Project Closure
- Describe the Different Ways That Projects Can Be Terminated
- Explain the Importance of a Repository and Lessons Learned