

Project Management, Part 4 of 8: Costs and Management [Deprecated/Replaced]

page 1

Meet the expert: Sandy Haydon is a certified project manager in software development and a project management instructor. She has 40 years of experience with IBM as a software developer, manager, and project manager responsible for leading teams located worldwide. Sandy holds a BA in Mathematics and an MA in Management and is a certified Project Management Professional (PMP) and an IBM Senior Certified Project Manager.

Prerequisites: This course is designed for users preparing for the project management certification. It is recommended before taking the certification that you also use the Project Management Book of Knowledge (PMBOK) Guide, Fifth Edition to study with. You should have already viewed Project Management: Time Management course.

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Course description: In this course, we will start focusing on how to manage the costs of project work and how to effectively manage the communication among team members. The ability to deliver projects on time and on budget is a key element of good pm. You will see how to create accurate estimates regarding the work that must be done and the costs that will be incurred, as well as monitor progress against expectations while ensuring the quality is on target.

Course outline:

Project Cost Management

- Introduction
- What Is a Cost Management Plan
- Cost Management Plan
- Plan Management Cost Process
- Tools and Techniques
- Plan Cost Management Outputs
- Develop a Cost Management Plan
- Summary

Estimate Project Cost

- Introduction
- The Estimate Costs Process
- Estimate Costs Inputs
- Tools and Techniques
- Estimate Costs Outputs
- Common Estimate Types
- Estimating Technique Comparisons
- Guidelines to Estimating Costs
- Example: Estimating Costs
- Summary

Cost Baselines

- Introduction
- Cost Baselines
- Determine Budget Process
- Determine a Budget Inputs
- Tools and Techniques
- Funding Limit Reconciliation

- Determine a Budget Outputs
- Guidelines to Determine Budget
- Creating a Partial Budget
- Summary

Planned Quality Management

- Introduction
- What Is Quality?
- Quality Considerations
- Quality Management Plan?
- Plan Quality Management Process
- Plan Quality Management Inputs
- Tools and Techniques
- COQ
- Types of Quality Cost
- The Seven Basic Quality Tools
- DOE
- Add'l Quality Planning Tools
- Plan Quality Management Outputs
- Process Improvement Plan
- Process Improvement Planning
- Quality Metrics and Checklists
- Guide: Plan Quality Management
- Activity: Quality Management
- Summary

Human Resource Management

- Introduction
- Human Resource Management?

- Staff Management Plan?
- Plan Human Resource Mgmt Process
- Plan Human Resource Mgmt Input
- Tools and Techniques
- Organization Charts
- Networking
- Organizational Theory
- Plan Human Resource Mgmt Output
- Guidelines
- Activity: Examining HR Mgmt
- Summary

Planned Communications

- Introduction
- Project Communications Mgmt
- Communications Management Plan
- Key Communications Components
- Communication Mgmt Process
- Communications Mgmt Inputs
- Tools and Techniques
- Requirements Analysis
- Communication Technologies
- Communication Models
- Communication Methods
- Communications Mgmt Outputs
- Guidelines
- Summary