Cost Control & Project Scheduling

Course Overview

Planning a project schedule and budget to establish baselines can be demanding. However, monitoring and controlling these established baselines can be daunting, at times. In this course you will learn to distinguish between monitoring and controlling activities and best practices to determine a project status and actions, and the actions needed to maintain or reestablish a baseline.

Chapter 1 - Monitoring and Controlling Fundamentals   41m
Instructor Introduction
Schedule and Cost Control Introduction (1 of 6)
Schedule and Cost Control Introduction (2 of 6)
Schedule and Cost Control Introduction (3 of 6)
Schedule and Cost Control Introduction (4 of 6)
Schedule and Cost Control Introduction (5 of 6)
Schedule and Cost Control Introduction (6 of 6)
Monitoring and Controlling Fundamentals
Objectives
Topic A: Monitoring Fundamentals
Concept: Data, Information, Knowledge, Wisdom Model
Definition: Monitor
Monitor: Collect Project Performance Data
Concept: Performance Data
Monitor: Produce Performance Measures
Concept: Performance Information
Monitor: Generate Project Information
Concept: Performance Reports
Self-Reflection – Disseminate Project Reports
Monitor: Disseminate Project Reports (1 of 2)
Disseminate Project Reports (2 of 2)
Concept: Wisdom
Topic B: Controlling Fundamentals
Definition: Control
Control: Comparing Actuals to Planned
Control: Analyzing Variances
Control: Assessing Trends
Control: Evaluating Possible Alternatives
Self-Reflection – Recommend Appropriate Actions
Recommending Appropriate Actions (1 of 2)
Recommending Appropriate Actions (2 of 2)
Topic C: Pairing Monitoring and Controlling
Monitoring and Controlling (1 of 2)
Monitoring and Controlling (2 of 2)

Monitoring and Controlling Focus (1 of 2)
Monitoring and Controlling Focus (2 of 2)
Concept: Baselines
Exercise 1.1 Distinguish Monitoring from Controlling
Exercise 1.1 Distinguish Monitoring from Controlling Worksheet
Exercise 1.1 Distinguish Monitoring from Controlling Debrief (1 of 2)
Exercise 1.1 Distinguish Monitoring from Controlling Debrief (2 of 2)
Chapter 1 Review

Chapter 2 - Schedule Control   55m
Schedule Control
Objectives
Topic A: The Basics of Project Metrics
Concept: Project Metrics
Concept: Metric Characteristics (1 of 2)
Concept: Metric Characteristics (2 of 2)
Concept: Types of Metrics
Exercise 2.1 Differentiate Between CSFs and KPIs
Exercise 2.1 Differentiate Between CSFs and KPIs Worksheet
Exercise 2.1 Differentiate Between CSFs and KPIs Debrief (1 of 2)
Exercise 2.1 Differentiate Between CSFs and KPIs Debrief (2 of 2)
Topic B: Schedule-related KPIs
Concept: Key Performance Indicator (1 of 2)
Concept: Key Performance Indicator (2 of 2)
Self-Reflection – Schedule-related KPIs
Concept: Schedule-related KPIs
Schedule-related KPIs: Percent of Work Packages Adhering to Schedule (1 of 2)
Schedule-related KPIs: Percent of Work Packages Adhering to Schedule (2 of 2)
Schedule-related KPIs: Time to Achieve Outcome Value
Schedule-related KPIs: Number of Schedule Baseline Changes
Schedule-related KPIs: Schedule Variance (SV)
Schedule-related KPIs: Schedule Variance Percentage (SV%)
Schedule-related KPIs: Schedule Performance Index (SPI)
Self-Reflection – Schedule-related KPIs Debrief
Topic C: Schedule Control via Key Performance Indicators (KPIs)
Schedule Control - A Case Study (1 of 2)
Schedule Control - A Case Study (2 of 2)
Definition: Control Schedule
Concept: Project Management Methodology (1 of 4)
Concept: Project Management Methodology (2 of 4)
Concept: Project Management Methodology (3 of 4)
Concept: Project Management Methodology (4 of 4)
Project Management Performance Baseline Project Schedule KPIs
Exercise 2.2 Determining Schedule KPIs Using EVM
Exercise 2.2 Determining Schedule KPIs Using EVM Data Sheet (1 of 2)
Exercise 2.2 Determining Schedule KPIs Using EVM Data Sheet (2 of 2)
Exercise 2.2 Determining Schedule KPIs Using EVM Worksheet
Exercise 2.2 Determining Schedule KPIs Using EVM Debrief (1 of 3)
Exercise 2.2 Determining Schedule KPIs Using EVM Debrief (2 of 3)
Exercise 2.2 Determining Schedule KPIs Using EVM Debrief (3 of 3)

Chapter 3 - Cost Control   1h 6m

Total Duration: 2h 42m