Project Management: Fundamentals of Predictive and Adaptive Methods (095032)

This bridge document is written for instructors who have used Logical Operations' *Project Management Fundamentals (Third Edition)* courseware (095015) and want to come up to speed on the new *Project Management: Fundamentals of Predictive and Adaptive Methods* courseware quickly and efficiently.

Overview of Changes

Even though the title is different, this course is a successor to *Project Management Fundamentals (Third Edition).* Its new title reflects how it has been expanded to two days of coverage to incorporate material on modern adaptive Project Management methods such as Agile.

(Training delivery organizations who prefer to focus on a traditional predictive project management approach in a compact one-day format can continue to offer our popular *Project Management Fundamentals (Third Edition).*)

In this new *Project Management: Fundamentals of Predictive and Adaptive Methods* course, the lesson-level structural changes are as follows:

- Lesson 1 introduces the two types of approaches to project management—Predictive and Adaptive—and compares their basic characteristics and differences.
- The flow of the lessons continues to correspond to the general flow of a project: initiation, planning, executing, and closing. The Predictive and Adaptive concepts are distributed within the lessons in which they are applicable to the project. Also, some titles have changed to reflect the inclusion of the Adaptive approach. For example, "Identify the Role of the Project Manager" has changed to "Identify the Leadership Roles in a Project."
- Lesson 3, Topic B now combines activity dependencies and sequencing, and the Precedence Diagramming Method to identify the critical path of a project.
- Lesson 4 is completely new and focuses on planning Adaptive projects, as the process is significantly different from planning Predictive projects.
- Lesson 6, Topic C is newly focused on tracking the progress of an Adaptive project. To that end, the Earned Value Analysis content has been moved to Appendix A.
- Lesson 7, Topic A has been added to include closing Adaptive projects.
- Mastery Builders for additional practice have been added.

Content Changes

The following table provides details about specific content changes in each lesson.

Lesson 1: Getting Started with Project Management	
Topic	Additional Content
1A	• The concepts of Values and Outcomes are introduced.
1B	• Comparison of Predictive vs. Adaptive approaches. • Methodologies introduced: Waterfall, Rolling wave, Adaptive.
1C	• Project-Oriented Teams vs. Product-Oriented Teams

	• Comparison of project leadership roles: Project Manager and Product Owner.
Lesson 2: Initiating a Project	
2A	• Added the concept of Project Vision. • Added the concept of Initial Scope vs. Final Scope in an Adaptive project.
2B	• Minor editorial changes.
2C	• Updated the Figure in Impact of Risk Over Time.
Lesson 3: Planning for Time and Cost in Predictive Projects	
3A	• Minor editorial changes.
3B	• Added details about using a PDM to determine the length of a project. • Updated the Figures in Precedence Diagram Method (PDM) and Critical Path. • Provided a new data file in the Activity: Creating a Project Schedule.
3C	• Minor editorial changes.
Lesson 4: Planning for Adaptive Projects	
4A – 4E	• All five topics on Adaptive projects are completely new.
Lesson 5: Planning for Project Risks, Communication, and Change Control	
5A	• Minor editorial changes.
5B	• Added content about the Human Factor in Communications.
5C	• Added content about integrating changes in Adaptive approaches.
Lesson 6: Managing a Project	
6A	• Added content about Team Charters.
6B	• Added content about Team Empowerment, specifically self-organized teams and the importance of collaboration. • Added Daily Standup Meetings.

6C	• New Topic: Track the Progress of an Adaptive Project.
	 • Includes content about Information Radiators:
	    o Kanban-style task boards
	    o Burndown/burnup charts
	 • New Activity: Tracking the Progress of an Adaptive Project.

6D	• Added content about Sprint Reviews/Demos. • Added content about Sprint Retrospectives.
6E	• Added Guidelines for Writing a Change in Adaptive Approaches.
Lesson 7: Closing a Project	
7A	• New topic: Close a Sprint, a Release, or an Adaptive Project • Includes Sprint Review Close, Retrospectives, Lessons learned, Release Planning and Deployment Planning. • New Activity: Closing a Sprint, a Release or an Adaptive Project.
7B	• Minor editorial changes.
7C	• Minor editorial changes.