![Educate 360 - Professional Training Partners]

Integrating Agile in a Waterfall Practice

Duration	Delivery Methods
1 Day	VILT, Private Group

![Project Management Academy - An Educate 360 Brand]

Industry trends have shown Agile project management can increase project success rates. This is leading many organizations to integrate Agile into their predictive practices. This course will provide you with best practices and considerations for bringing Agile methodologies into your traditional project delivery environment. You'll learn how to create a strategy for setting goals and deciding on the appropriate Agile methods to integrate into your organization.

This course has been approved by PMI for 8 PDUs.

Who Should Attend

This course is intended for anyone who has a desire to or is being asked to help in converting a traditional delivery approach to Agile or including Agile practices within their organization. However, the course assumes students have an existing foundation of Agile terms, concepts and methodologies.

Course Objectives

- Reviewing core concepts of the various project life cycles
- Learning the various Agile methodologies and the situations in which they are most valued
- Creating the appropriate strategy for integrating Agile in your organization/tasks
- Managing the scope, cost, and schedule in Agile or hybrid projects
- Overseeing resources in Agile or hybrid projects
- Understanding what tools can aid you in managing Agile or hybrid projects

Agenda

1 - INTRODUCTION

- Overview - Course Agenda and Learning Objectives

2 - CORE CONCEPTS FOR PROJECT LIFE CYCLES

- Key Topics - Project Life Cycles
- Five Primary Project Life Cycles Review
- Project Life Cycles Continuum and Characteristics
- Controlling Change
- Managing Change and Risk
- Brief Agile Introduction
- How is Agile Different?
- What Does Agile Mean (or Not Mean)?

3 - UNDERSTANDING AGILE METHODOLOGIES

- Key Topics - Understanding Agile Methodologies
- Agile Mindset
- Agile Methods
- Agile Terms
- Team Methods in Delivery Approaches
- Scaled Approaches
- Agile Roles and Responsibilities
- Self-Directed Team vs. Traditional Roles

4 - BUILDING ORGANIZATIONAL STRATEGIES FOR AGILE

- Key Topics - Building Organizational Strategies for Agile
- Agile Strategy Components
- Organizational Characters
- Project Portfolio
- Resource Commitment
- Technology Profile
- Agile Alongside Traditional Approaches
- Agile Hybrid Models
- Agile Replacing Traditional Approaches
- Strategies for Agile Transformation
- Managing with Agile KPIs
- Assessing Organizational Readiness

5 - IMPLEMENTING AGILE

- Key Topics - Implementing Agile
- Educating Your Organization
- Preparing your Organization
- Plan Your Agile Launch
- Launch Your Implementation
- Grow the Implementation

6 - TOOL CONSIDERATIONS FOR AGILE AND HYBRID PROJECTS

- Key Topics - Tool Considerations for Agile and Hybrid Projects

- General Considerations for Tools
- Requirements Management Tools
- Cost Management Tools
- Burn Rate Estimation Tool
- Schedule Management Tools
- Sprints in Traditional Scheduling Tools
- Reporting Tools
- Sprint Burn Down Charts
- Cumulative Flow Diagrams (CFD)
- Suitability for Agile Projects
- Project Tools Checklist