

Implementing Lean-Agile For Business and Operations Training

Length: 4 Days

You Will Learn How To:

- Boost results by adopting Lean–Agile principles
- Leverage an adaptive, value–driven development life cycle to shorten lead–time
- Identify and eliminate waste through value–stream analysis
- Improve performance with collaborative and cross–functional teams
- Take practical steps to implement Lean–Agile in your organization
- Creating and managing throughput with Kanban
- Managing priorities through backlog grooming and a decision matrix
- Testing assumptions through iterations
- Demonstrating progress using burndown charts
- Improving your value–chain through a Kaizen event
- Designing a personalized action plan for your organization

COURSE CONTENT

INTRODUCTION TO LEAN–AGILE PRINCIPLES: RECOGNIZING LEAN–AGILE BENEFITS

- Articulating Lean–Agile objectives
- Defining trends in the Lean–Agile movement
- Choosing the right project management techniques

KEY FRAMEWORKS AND TOOLKITS

- Applicability of principles within the organization
- Adapting quickly through Lean–Agile techniques
- Optimizing systematically through a Lean–Agile culture

RUNNING AGILE PROJECTS THROUGH ITERATIONS: INTRODUCING THE AGILE PROJECT LIFE CYCLE

- Enabling value–centric scope management
- Defining the project roles and responsibilities
- Powering feedback through small batch iterations

AGILE PROJECT MANAGEMENT

- Estimating the project backlog
- Working through paced increments
- Ensuring transparency through visual reporting
- Planning through velocity management

ENFORCING A LEAN–AGILE BEHAVIOR

- Applying the franchised start–up model
- Proving results with empirical evidence
- Inviting the feedback of real users
- Building knowledge through measures and retrospectives

IMPLEMENTING LEAN–AGILE ENTERPRISE GOVERNANCE: DRIVING DECISIONS WITH AGILE PORTFOLIO MANAGEMENT

- Deciding on projects through portfolio planning
- Delivering business cases with an Agile charter
- Managing priorities through a value matrix

RELEASING AT THE PROGRAM LEVEL

- Managing interdependent work items across teams
- Reviewing the outcome of cross-team iterations
- Tracking benefits with burn-up charts

MAKING VALUE-DRIVEN DECISIONS

- Prioritizing decisions through a customer-driven approach
- Driving decisions with real customer data
- Embracing changes in the value stream

MANAGING LEAN OPERATIONS: OPTIMIZING OPERATIONS

- Removing waste through Muda analysis
- Applying the theory of constraints
- Defining standardized work

FOCUSING ON VALUE CREATION

- Creating order through the 5S methodology
- Measuring and analyzing productivity for better results
- Designing for quality

EMPOWERING TEAMS: FINE-TUNING PEOPLE MANAGEMENT PRACTICES

- Exploring the human side of change
- Creating motivated teams through an engagement model
- Building the case for automation

RESHAPING THE ORGANIZATION

- Transitioning to self-managing teams
- Scaling Lean-Agile within the organization

LEARNING AS THE BASIS OF KNOWLEDGE

- Accelerating returns through accumulated know-how
- Building learning in the value chain

CONTINUOUS IMPROVEMENT: STRIVING FOR PERFECTION IN OPERATIONS AND DESIGN

- Making incremental improvements with the 5 Whys technique
- Improving the value-chain with Kaizen

DESIGNING AND TUNING PROCESSES FOR VALUE

- Innovating through Kaikaku thinking
- Preventing errors through Poka-Yoke principles
- Building-in quality through in-process testing

DEVELOPING A NEW LEAN-AGILE CULTURE: PLANNING A PRACTICAL AND REALISTIC TRANSITION

- Pacing changes in a Lean-Agile transformation
- Achieving excellence in product development practices
- Integrating agility across departments

STRUCTURING THE MANAGEMENT FRAMEWORK

- Staying realistic with on-the-floor management
- Embedding Lean-Agile for the long-term
- Identifying and avoiding the common Lean-Agile pitfalls