

Lean Principles & Modern Project Management



Training Modules

✓ MODULE 1

Foundations of Lean Thinking & Value Creation

✓ MODULE 2

Modern Project Management Essentials

✓ MODULE 3

Lean Tools for Project Managers

✓ MODULE 4

Flow, Capacity & Waste Reduction in Projects

✓ MODULE 5

Lean Project Leadership & High-Performance Culture

✓ MODULE 6

Lean Portfolio & Program Management (LPM)

✓ MODULE 7

Lean Project Capstone—Design, Deploy and Present

Lean Principles &
Modern Project
Management



Level Up
Leadership & Personal
Development Training

✓ **Module 1 (4h):** **Foundations of Lean Thinking & Value Creation**

Objective:

Introduce Lean principles and their application to modern project environments.

Topics

- Lean philosophy: value, waste, flow, pull, perfection
- Types of waste (8 wastes) and how they appear in projects
- Lean as a strategic mindset, not just a set of tools
- How Lean reduces cost, cycle time, and complexity
- Lean transformations in services, operations, and administrative processes

✓ **Module 2 (4h):** **Modern Project Management Essentials**

Objective:

Understand the foundational disciplines of project management with a Lean lens.

Topics

- PMI/PMP standards vs. Lean project management
- Project life cycle: initiation, planning, execution, closing
- Agile vs. Lean vs. traditional waterfall
- Deliverables, scope, milestones, critical path
- The economics of project decisions: cost, risk, and value Tools & Activities
- Project Charter Workshop
- Work Breakdown Structure (WBS) Exercise
- Case: High-performance project teams

✓ **Module 3 (4h):** **Lean Tools for Project Managers**

Objective:

Master the Lean toolkit and apply it to real project constraints.

3.

Topics

- Kaizen and continuous improvement frameworks
- A3 Problem-Solving and storytelling
- Visual management: boards, KPIs, obeyarooms
- Standard Work and SOP design
- PDCA cycles and rapid experimentation



✓ **Module 4 (4h):** **Flow, Capacity & Waste Reduction in Projects**

Objective:

Optimize scheduling, resource allocation, and flow across project teams.

4.

Topics

- Bottleneck identification and Theory of Constraints
- Cycle time vs. lead time
- Flow efficiency and takt time
- Pull systems (Kanban) in project management
- How to eliminate rework and waiting time in complex organizations

✓ **Module 5 (4h): Lean Project Leadership & High-Performance Culture**

Objective:

Develop leadership capabilities to drive Lean transformation in project environments.

5.

Topics

- The Lean leadership mindset
- Servant leadership and empowerment
- Psychological safety for continuous improvement
- Visual decision-making and stand-up meetings
- Leading distributed and hybrid teams with Lean principles



✓ **Module 6 (4h): Lean Portfolio & Program Management (LPM)**

Objective:

Understand how to manage multiple projects using Lean principles to maximize value.

6.

Topics

- Portfolio alignment with strategy: prioritizing by value
- Lean budgeting and capacity planning
- Intake systems and work-in-progress (WIP) limits
- Managing interdependencies across teams
- Portfolio governance and KPIs.



✓ Module 7 (4h): Lean Project Capstone—Design,

Objective:

Integrate all methodologies to design an actionable Lean project for the participant's organization. Project Scope Teams or individuals will create a complete Lean Project Proposal, deploy and present.

7.



Package inclusions

Important information

Date: October 19-22, 2026

Campus: Bogota, Colombia

Hotel: Check-in Sunday, October 18, 2026

Hotel Check-out Friday, October 23, 2026

Investment: USD 3,950

Instruction Language: English

Investment Inclusions:

28-Hour Course at the Executive Education Universidad de los Andes.

Certificate of Participation by Executive Education

University of Andes. Min. participation of 80% in the training is required.

5-night hotel accommodation, breakfast, and wi-fi included.

All meals during the training.

Networking dinner

Transportations Airport -hotel- Airport

Excluded

Flights

Travel Insurance

Dinners

Miscellaneous expenses.



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Caya Tusa 28, St. Cruz, Aruba

 **+297 740-4733**

info@levelupleadershiptraining.com



www.levelupleadershiptraining.com