XCELERATE TRAINING INSTITUTE

your learning & development partner

PROJECT MANAGEMENT

Lean Project Management

DURATION	LANGUAGE	FORMAT
5 days	English	Classroom / Online

Upcoming dates

Dates	Venue	Format	Fee
1 – 5 Mar 2027	Live online	Online (live)	On request
13 – 17 Sep 2027	Live online	Online (live)	On request
11 – 15 Oct 2027	Barcelona	Classroom	€3,800

Register or ask a question

Online: staging.x8ti.com/course/lean-project-management/

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Lean Project Management

Introduction

Lean, a widely used quality management system, focuses on continuous improvement and delivering value to customers and stakeholders.

Lean Project Management Course

This Xcelerate course teaches how to plan, design, and implement projects using Lean principles. By making small, incremental changes, organizations can improve product or service value, reduce waste, defects, resources, and costs. The goal is to integrate Lean into project management to consistently and sustainably optimize value.

Lean Project Manager Responsibilities

Lean project managers use an iterative approach to continuously improve and deliver value. They emphasize efficiency, effectiveness, and quality in project delivery. This helps organizations adapt to change and develop a culture of proactive improvement.

Course Benefits

This Xcelerate course provides a strong foundation in Lean principles and equips participants with the skills, tools, and techniques to deliver customer-value-driven projects. Participants will learn how to develop a Lean organizational culture, run projects that deliver early value, and align their skills with strategic objectives.

Learning Objectives

The objectives of this Lean Project Management Course are to empower the professionals to be able to:

- Apply the Principles of Lean thinking to their Projects to design, and implement projects that deliver lasting sustainable business value
- Use the Lean Project Management Framework to deliver successful projects in their respective organizational environments
- Understand the roles, functions, and responsibilities of various project roles within the organization
- Recognize how to spot and avoid common errors when reviewing existing project management methodologies
- The required skillset and capabilities of successful Project Managers to utilize efficiency, through processes, tools, technology, and resources in the organization
- The confidence and ability to measure, track and enhance organizational efficiency and growth through the introduction of Lean
- The required perspective and foresight to pre-empt challenges, risks, and hindrances and address these to prevent them from hampering the progress of the projects

Training Methodology

This collaborative Lean Project Management course will comprise the following training methods:

- Lectures

- Seminars & Presentations
- Group Discussions
- Assignments
- Case Studies & Functional Exercises

Like all Xcelerate acclaimed courses, this program also follows the ‘Do-Review-Learn-Apply’ model.

Benefits for Your Organisation

The organization will derive the following benefits, from the professionals who take this course:

- Experienced and trained professionals to effectively manage Projects within the Organization
- Informal training of other employees on working Lean and Project management tools and techniques for greater Project efficiency
- Contextualize and assimilate a practical understanding of the application of lean project management in the organization
- Enhancement in current processes through increased organizational efficiency
- Organization’s focus on lean, customer-oriented delivery and to be ability to hand changing market needs
- Leaner Project delivery operations lead to reduced project costs, resources
- Low risks of Project failures due to better risk assessment and management
- A culture of continuous improvement
- Achieve improved synergy within the Project teams, thus elevating employee morale and increasing productivity

Benefits for You

Professionals who participate in this Lean Project Management Certification Course will benefit through:

- Knowledge and detailed understanding of the framework of Lean Project Management
- Awareness of advanced Lean Project Management techniques and concepts
- Increased ability and capability to not only introduce Lean Project Management in one’s organization but also successfully deliver it
- Outshining other Project Managers through the implementation of Projects, in a faster, leaner, and cost-efficient manner.
- Greater capability, skill, and experience to undertake critical roles and responsibilities related to Program management, in turn, demonstrating one’s potential and talent, fostering career growth and progression
- Enhanced perspective and foresight to foresee challenges and hindrances and act upon these to prevent adverse effects on the growth prospects of the organization
- A sense of achievement in continuously delivering Projects, faster, cheaper, and of high quality
- Engage in constructive discussions about the topic thus resulting in improved organizational capacity and overall communication
- Opportunities to work hands-on, on case studies to gain the fine skills needed to effectively utilize Lean Project Management in your organization

Who Should Attend

- Senior management of an organization who are accountable and responsible for the delivery of Programs, Projects & Initiatives within the organization
- Active Project Managers looking to advance their skills, or refine their approach to break the cycle of failure
- Project Managers want to learn about Lean and integrate Lean into Project Management with advanced thinking
- New project managers will benefit from early exposure to Lean Project Management methodology and principles
- Project Sponsors, Project Champions, Product Owners, and Business managers
- Project team members, Change Management staff, Organizational development staff, Human resources personnel
- Team members who wish to learn and deepen their project management knowledge
- Any other professional who would like to know more about Lean and Project Management fundamentals

Course Outline

The course covers the following areas to develop deep expertise in Lean Project Management:

Introduction – Lean Defined

- Introduction to Lean
- Lean uses and benefits
- Principles of Lean Thinking
- The need for continuous improvement

Lean Thinking

- The lean journey
- The lean organization culture
- Lean employees
- The lean mindset in functional areas
- Alignment for continuous improvement

Lean Process and Concepts

- Six Sigma – DMAIC
- Design for Six Sigma – DMADV
- Roles in Lean Project Management
- Choosing the right methodology
- The lean event, Kaizen
- 5S

Getting Started with Lean Projects

- How to identify a project
- Overview of project management methodology

- Key Tools for managing projects
- Managing projects effectively – key tips and tricks

Defining the Project

- Goals and objectives of the Project
- Define Problem Statement
- Define the project scope
- Define Business Case
- Define Key Milestones
- Develop and Sign-off Project Charter

Lean Tools in Project Management

- Process stakeholders and SIPOC
- Voice of the Customer
- Critical to Quality metrics
- Kano model and Its Implications
- Process mapping
- Value stream analysis
- Process reengineering
- Variation
- Quality at the source
- The pull approach
- Error-proofing or poka-yoke
- FMEA: Failure modes and effects analysis
- Process control and the control plan

Planning the Project

- Identify the work / Key workstreams
- Estimate time and cost
- Put the project tasks in sequence
- Project Critical Path and its significance
- Build your team
- Assign resources to tasks
- Identify risks
- Add contingency time to the schedule
- Approve the project plan

Building High Performing Teams Overview

- Myers-Briggs Type Indicator for project teams
- The DiSC personality profile
- StrengthsFinder assessment
- Emotional intelligence for project teams
- Tuckman Team-Development Model

- Situational project leadership
- The Five Dysfunctions of a Team
- Manage projects in matrix organizations

Tracking Progress

- Setup Performance Indicators
- How to monitor project progress
- Get status updates
- Evaluate progress
- Get back on track
- Handle changes

Gantt Chart Overview

- How to create a Gantt chart
- Why Gantt charts
- Set up of Excel Gantt chart
- Add resources to your Gantt
- Add time and cost to your Gantt

Wrapping Up the Project

- Develop Documentation
- Develop control Plan
- Handover and sign-off
- Lessons Learned
- Tie up loose ends

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Registration Form

Lean Project Management

Preferred dates: ..... Venue or online: .....

Duration: 5 days Language: .....

Please complete and email this form to us, or register online. We confirm your place and send the invoice within one working day.

Delegate information

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

Official email: ..... Personal email: .....

Company information

Company name: .....

Address: .....

City / country: ..... VAT / tax number: .....

Person responsible for training & development

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

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Payment

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Open the course page