Lean Thinking for Project Managers Training Course

Professional Development Training Course Outline

Category	Project Management	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Lean Thinking has emerged as a transformative methodology for improving efficiency, reducing waste, and maximizing value delivery across projects in diverse industries. For project managers, applying lean principles enables teams to streamline workflows, enhance collaboration, and achieve strategic objectives with fewer resources. Lean Thinking for Project Managers Training Course equips participants with practical tools, frameworks, and methodologies to identify value streams, eliminate bottlenecks, and embed continuous improvement within project lifecycles. Emphasis is placed on measurable outcomes, process optimization, and aligning lean practices with organizational goals to foster sustainable performance improvement.

Through interactive exercises, real-world case studies, and hands-on simulations, participants will learn how to implement lean strategies in project planning, execution, and evaluation. The course explores advanced lean tools such as Kaizen, Value Stream Mapping, Kanban, and Lean Portfolio Management. By the end of the training, project managers will be able to drive efficiency, reduce operational costs, enhance customer satisfaction, and lead cross-functional teams in delivering high-quality outcomes while cultivating a culture of continuous improvement.

Programme Curriculum

Lean Thinking for Project Managers Training Course

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Course Objectives

1. Understand the core principles and philosophy of Lean Thinking in project management.
2. Identify value streams and eliminate non-value-added activities in project workflows.
3. Apply Lean tools such as Kaizen, Kanban, and 5S for project optimization.
4. Integrate Lean Thinking with Agile and traditional project management methodologies.
5. Improve team collaboration, communication, and decision-making through Lean practices.
6. Analyze and minimize bottlenecks, delays, and process inefficiencies.
7. Implement continuous improvement cycles for sustainable project performance.
8. Measure project performance using lean metrics and key performance indicators.
9. Manage risks and ensure quality control using Lean and Six Sigma concepts.
10. Align Lean strategies with organizational goals and stakeholder expectations.
11. Develop skills to lead Lean-driven transformation within project teams.
12. Foster a culture of accountability, innovation, and value creation.
13. Evaluate project outcomes to ensure cost efficiency, timeliness, and quality delivery.

Organizational Benefits

- Increased operational efficiency and reduced waste in project processes
- Enhanced project delivery speed and timeliness
- Improved resource allocation and cost savings
- Higher customer satisfaction through value-focused project outcomes
- Strengthened cross-functional collaboration and team performance
- Improved decision-making with data-driven lean metrics
- Enhanced adaptability and flexibility in project execution
- Reduced project risk and failure rates
- Cultivation of a continuous improvement mindset across teams
- Stronger alignment between projects and organizational strategic goals

Target Audiences

- Project managers and program managers
- Project coordinators and team leads
- Process improvement specialists
- Operations managers and supervisors

- Business analysts and strategy consultants
- Lean coaches and organizational change agents
- Quality assurance and performance monitoring officers
- Senior management overseeing projects

Course Duration: 10 days

Course Modules

Module 1: Introduction to Lean Thinking

- History and evolution of Lean in project management
- Core principles and philosophy of Lean Thinking
- The Lean mindset and organizational culture
- Benefits of Lean adoption in project environments
- Key differences between Lean, Agile, and traditional PM
- Case Study: Lean implementation in a software development project

Module 2: Value Stream Mapping

- Identifying value streams within project workflows
- Distinguishing value-added vs. non-value-added activities
- Mapping processes and visualizing workflows
- Identifying bottlenecks and inefficiencies
- Prioritizing improvements based on value creation
- Case Study: Value Stream Mapping in a manufacturing project

Module 3: Waste Elimination (Muda)

- Types of waste in projects (overproduction, waiting, defects, etc.)
- Techniques to identify and eliminate project waste
- Implementing corrective actions for process improvement
- Continuous monitoring of waste reduction initiatives
- Linking waste elimination to cost and time savings
- Case Study: Reducing process waste in a construction project

Module 4: Lean Tools and Techniques

- Introduction to Kaizen, 5S, and Kanban boards
- Applying Lean tools for workflow efficiency
- Prioritizing improvement opportunities using Lean metrics
- Creating visual management systems for projects
- Implementing standardized processes for consistency

- Case Study: Kaizen workshops for a product development team

Module 5: Lean Project Planning

- Applying Lean principles in project initiation and planning
- Optimizing work breakdown structures for efficiency
- Resource allocation with minimal waste
- Streamlining project scheduling and timelines
- Incorporating Lean metrics into planning tools
- Case Study: Lean planning for a corporate IT implementation

Module 6: Lean Execution and Control

- Monitoring project performance using Lean metrics
- Applying real-time corrective actions for deviations
- Empowering teams to self-manage and continuously improve
- Conducting Lean daily stand-ups and huddles
- Ensuring alignment with value delivery goals
- Case Study: Lean execution in a multi-site construction project

Module 7: Continuous Improvement & Kaizen

- Establishing a continuous improvement culture
- Kaizen events and improvement cycles
- Measuring incremental gains and performance enhancement
- Team engagement and feedback mechanisms
- Sustaining Lean initiatives post-project completion
- Case Study: Continuous improvement cycle in a manufacturing setup

Module 8: Lean Portfolio Management

- Aligning project portfolios with organizational strategy
- Prioritizing initiatives based on value and risk
- Balancing resources across multiple projects
- Monitoring portfolio performance with Lean metrics
- Decision-making tools for portfolio optimization
- Case Study: Lean portfolio management in a multinational company

Module 9: Lean Risk Management

- Identifying project risks using Lean principles

- Preventive and corrective measures to minimize disruptions
- Integrating risk management into daily project workflows
- Monitoring risk impact on value delivery
- Reporting and escalation of risk issues
- Case Study: Risk mitigation using Lean in a software rollout

Module 10: Lean Quality Management

- Implementing quality control with Lean methods
- Root cause analysis and problem-solving tools
- Reducing defects and rework in project outputs
- Monitoring quality metrics continuously
- Aligning quality objectives with client expectations
- Case Study: Lean quality improvements in a product launch

Module 11: Lean Communication and Collaboration

- Enhancing team communication using Lean practices
- Visual management and status reporting
- Cross-functional collaboration for project efficiency
- Conflict resolution and continuous feedback loops
- Knowledge sharing across teams
- Case Study: Improved collaboration in a healthcare project

Module 12: Metrics, KPIs and Lean Performance

- Identifying key Lean performance indicators
- Tracking project efficiency, cycle time, and value delivery
- Measuring team engagement and productivity
- Evaluating project success with quantitative and qualitative metrics
- Continuous reporting for accountability
- Case Study: KPI implementation in an IT project using Lean

Module 13: Lean Transformation and Change Management

- Leading organizational change for Lean adoption
- Overcoming resistance and fostering Lean mindset
- Training teams for Lean capability building
- Embedding Lean in organizational strategy
- Monitoring adoption and impact over time
- Case Study: Change management for Lean in a financial services firm

Module 14: Lean Innovation & Problem Solving

- Applying Lean for creative problem solving
- Encouraging experimentation and iterative testing
- Reducing cycle time in new product development
- Using visual tools to identify improvement opportunities
- Tracking innovation outcomes with Lean metrics
- Case Study: Lean problem-solving in a digital product rollout

Module 15: Scaling Lean Practices

- Institutionalizing Lean methods across departments
- Governance and leadership support for Lean initiatives
- Building a knowledge repository for continuous learning
- Monitoring long-term impact and sustainability
- Developing action plans for scaling Lean culture
- Case Study: Scaling Lean practices across a multinational organization

Training Methodology

- Instructor-led lectures and conceptual briefings
- Hands-on workshops with real project case exercises
- Group discussions and collaborative problem-solving
- Simulation exercises for Lean tools and techniques
- Analysis of real-world Lean case studies
- Development of action plans and feedback sessions

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.
f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Online	$2,000
23 Nov 2026	04 Dec 2026	Physical	$3,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$9,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

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