

# LEAN BELT CERTIFICATION

## LEAN KAIZEN TRAINING



Lean Training and Certification curriculum offers fast and effective value to clients at all stages of their Lean journey.

# Lean Belt Certification and Lean Kaizen Training

The goal of the program is to transform your workforce with our comprehensive **Lean and Smart Manufacturing Training Program**, designed to engage employees at all levels of your organization. Our program includes a range of training options. Whether you're looking to improve productivity, reduce waste, optimize your operation or just train your team, we have the training solutions you need to achieve your goals.



The training is tailored to the specific needs of your organization, ensuring that your employees receive the knowledge and skills they need to drive continuous improvement and optimize performance.

Our experienced trainers will work closely with your team to ensure that they are engaged and motivated throughout the training process. We use a range of interactive, hands-on training techniques that make learning enjoyable and effective.

With our **Lean and Smart Manufacturing Training Program**, you'll be able to build a culture of continuous improvement that drives success and growth.

Participants in the programs receive:

- Training Workbook
- A Certificate of Completion
- Book: 2 Second Lean by Paul Akers



**PATERSON**  
CONSULTING



**SMART LEAN**  
MANUFACTURING

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# Workshop Lean Leadership 1 Day (with optional Day 2)

At the end of this workshop, participants will:

- Understand the core principles of Lean Leadership.
- Learn how to drive continuous improvement in teams.
- Apply Lean tools to eliminate waste and improve efficiency.
- Develop problem-solving skills using Lean methodologies.
- Learn strategies for effectively managing boards and stakeholders.
- Utilize real-time data for informed decision-making.

## Workshop Objectives

### Session 1

#### ***Introduction to Lean Leadership***

- What is Lean
- Traditional Leadership vs. Lean Leadership
- Key Principles: Respect for People & Continuous Improvement
- Understanding Teams and Team Building

### Session 3

#### ***Lean Thinking & Waste Elimination***

- Identifying Value vs. Waste (Muda, Mura, Muri)
- The 8 Wastes in Business & Leadership
- Toast Video
- Interactive Activity: Identifying Waste in Your Organization

### Session 5

#### ***Managing Real-Time Data***

- Importance of Data-Driven Decision-Making
- Key Performance Indicators (KPIs) for Lean Leaders
- Leveraging Digital Dashboards & Visual Management
- Hands-on Demo: Using Data to Improve Operations

### Session 2

#### ***The Lean Leadership Mindset***

- Servant Leadership & Leading by Example
- Building a Learning Culture
- Gemba Walks: Leading from the Front Lines
- Daily leader tasks

### Session 4

#### ***Managing Boards with Lean Principles***

- The Role of Boards in Organizational Success
- Lean Governance: Eliminating Waste in Decision-Making
- Engaging Stakeholders Effectively
- Case Study: Streamlining Board Meetings for Better Results

### Session 6

#### ***Lean Problem-Solving & Decision-Making***

- PDCA (Plan-Do-Check-Act) & Kaizen
- The 5 Whys & Root Cause Analysis
- Hands-on Exercise: Solving a Real-World Problem

### ***Day 2 Optional***

- Leading Kaizen Hands-on Exercise
- Industry 4.0
- V.o.C – Voice of the Customer



# Lean Yellow Belt Level 1

This three-day course covers the fundamentals of **Lean philosophy and the 2 Second Lean philosophy**. (Optional: TOC - Theory of Constraints philosophy can also be included.). The training consists of one day in-class training followed by two days of Kaizen focused on waste reduction and problem-solving within your organization.

**Training  
3  
Days**

## Who should take the program?

The training is suitable for participants from both the service and manufacturing sectors.

## Benefits:

- Gain a basic understanding of Lean and 2 Second methodology as a foundation for operational excellence.
- Identify waste in your organization to reduce costs, make improvements and increase ROI.
- Build better teams and a more engaged workforce.
- Develop a Problem-Solving approach within the organization.

## Training Content:

### Module 1

#### ***Introduction to Lean Principles***

- Overview of Lean philosophy and history
- Key principles of Lean thinking
- Benefits of Lean implementation

### Module 2

#### ***Waste Identification and Elimination***

- Types of waste (Muda) in processes
- Strategies for waste elimination

### Module 3

#### ***Process Improvement and Flow***

- Analyzing processes and identifying bottlenecks
- Lean tools for process improvement

### Module 4

#### ***Lean Tools and Methodologies***

- 5S methodology for workplace organization
- Kanban systems for visual management and inventory control

### Module 5

#### ***2 Second Lean***

- Every Person, Everything, Everyday approach
- How to grow people and build a fun Lean culture at work & at home

### Module 6

#### ***Optional: TOC focus***

- The 5 Steps of Production Focus
- The Goal Movie
- Case Study



# Lean Green Belt Level 2

This is a 5-day program consisting of ten modules using an approach that combines the best elements of Lean, TOC and 2 Second Lean. The training consists of one day in-class followed by four days of Kaizen, providing participants with an intermediate to advanced working knowledge of Lean and TOC frameworks and methodologies. It has been proven to develop leaders into an army of problem solvers. It requires no pre-requisite and brings Lean knowledge, training, and experience to a whole new level. Offered in two streams –Operations and Service.

**Training  
5  
Days**

## Who should take the program?

Leaders, managers, supervisors, and growth-minded individuals who will coach, teach, facilitate, implement, lead small-scale lean projects in their organization.

## Benefits:

- Effective problem solving methodologies
- Hands-on classes with simulation activities
- Classes facilitated by Master Black Belt and TOC trainer
- Leadership Development
- Prepares leaders to become a Lean Champion

## Training Content:

### Module 1

#### *Introduction to Lean Principles*

- Overview of Lean philosophy and history
- Key principles of Lean thinking
- Benefits of Lean implementation

### Module 2

#### *Waste Identification and Elimination*

- Types of waste (Muda) in processes
- Strategies for waste elimination

### Module 3

#### *Process Improvement and Flow*

- Analyzing processes and identifying bottlenecks
- Lean tools for process improvement
- Achieving smooth flow and reducing cycle time

### Module 4

#### *Lean Tools and Methodologies*

- 5S methodology for workplace organization
- Kanban systems for visual management and inventory control
- Kaizen events for continuous improvement
- Huddles and Hansei
- Value stream mapping
- Cycle time reduction
- Line balancing

### Module 5

#### *2 Second Lean*

- Every Person, Everything, Everyday approach
- How to grow people and build a fun Lean culture at work & at home

### Module 6

#### *Problem Solving in Lean Context*

- Introduction to Lean problem-solving techniques
- Root cause analysis and problem-solving methodologies
- Developing countermeasures and implementing solution
- A3, RCA

### Module 7

#### *Lean Leadership and Teamwork*

- Roles and responsibilities of Lean leaders
- Leading Lean projects and teams effectively
- Creating a culture of engagement and continuous improvement

### Module 8

#### *TOC Focus*

- The 5 steps of production focus
- The Goal Movie
- Case study

### Module 9

#### *Sustaining Lean Improvements*

- Strategies for sustaining Lean gains.
- Continuous improvement through standardized work
- Lean performance metrics and measurement
- LPA

### Module 10

#### *Assessment*

- Quizzes or knowledge checks at the end of the modules
- Final project presentation to apply Lean concepts in a real-world context.
- Individual Project assignment Goal save 20% Incorporating assessments or evaluations at the completion of the training program to gauge participants' understanding and progress.

**Training  
5  
Days**

## Lean Kaizan Workshop

Whether you're a manufacturing operation, in construction, an entrepreneur, or an established service provider, the Lean Kaizen workshop Program will enhance your ability to lead impactful and sustainable lean process improvement initiatives. This program will help you develop expertise in lean processes and provide you with a powerful set of tools to increase throughput, reduce operational expenses, and minimize inventory.

### Agenda:

Case study, real-world examples illustrate the application of Lean principles and tools in the organization.

- Introduction to Lean, TOC and problem-solving methodology
- Current state of the business: problem statement
- VSM and capturing the current state
- Brainstorming and problem-solving methodology approach
- Further state: What if, Goal Statement.
- Improve state: A3, Project Management, Standard Work, Visual Management
- New VSM, capturing the new process
- Sustain Process and Next Step
- ROI
- Hansei



### DON'T MISS OUT ON THE CANADA JOB GRANT!

Discover individual or group training incentives for employers. To learn more about the Canada Job Grant visit your Provincial website for more information.



**Government Funded Grant & Tuition Reimbursement Programs may also be available in your region.**

**Organizations targeting Industry & Construction may have course hours eligible for credits towards the CCA Gold Seal Program and Provincial Blue Seal Programs.**

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