



Lean Specialist Certificate Program

Lead change and build high-performance teams with a Lean Specialist Certification!

NEPIRC's **Lean Specialist Certificate Program** is a series of courses covering the concepts and tools professionals need to support Continuous Improvement efforts in today's work environment. The curriculum encompasses the necessary technical and interpersonal skills to implement sustainable improvements in productivity, quality and workplace safety. This program is ideal for individuals of all levels and designed to be appropriate for companies at any stage of their Lean journey. Throughout the course, participants will identify actual wastes in one of their company's value streams and, in the final session, present an action plan from a "Waste Walk" that evidences their understanding of the application of the elements from each session. NEPIRC's Lean Specialist Certificate Program is eligible for **WedNetPA funding**.

This course will take place at NEPIRC's main office in Hanover Twp. and will run every **Monday** starting **May 13** through **June 17** from **8:00 a.m. to 5:00 p.m.**, with graduation taking place on the last day. There will be no class on Monday, May 27. **Cancellation policy:** Any cancellation made a week before the event will be refunded net any Eventbrite fees. A cancellation made within seven days of the event will receive a 50% refund.

Week #	Session Schedule	Date
1	Principles of Lean Manufacturing with Introduction to Improvement Kata Cycles	May 13 Morning
	Value Stream Mapping	May 13 Afternoon
2	6S Workplace Organization	May 20 Morning
	Standard Work / Visual Management	May 20 Afternoon
3	High Performance Teams	June 3 Morning
	Leadership Skills	June 3 Afternoon
4	Rapid Changeover (SMED Technique)	June 10 Morning
	TPM	June 10 Afternoon
5	Critical Thinking and Problem Solving	June 17 Morning
	Industry 4.0 / Kaizen Facilitation / Graduation	June 17 Afternoon

*Please see reverse for the training curriculum and corresponding descriptions.

Upon completion of the program, graduates will be able to:

- Recognize and eliminate workplace waste by determining value-added and non-value-added activities
- Identify and improve key value streams with your company
- Participate in value stream mapping projects to identify opportunities for improvement
- Develop improvement plans for shop floor and office processes using the PLAN-DO-CHECK-ACT (PDCA) cycles of learning
- Assess the applicability of the Kaizen process to achieve gains and improve culture throughout the workplace
- Utilize updated skills in workplace organization, change management, team-building and quick changeover

Training Curriculum

Principles of Lean Enterprise & the Improvement Kata

Lean enterprise thinking and techniques improve productivity, cut lead times, increase product quality and reduce production costs.

Value Stream Mapping Training

Visually map production and information flows throughout an organization. Identify wastes that adversely affect customer satisfaction.

6S System Workplace Organization

The 6S system is a series of activities that improve workplace organization, standardization and safety while improving quality and decreasing throughput times.

Standard Work / Visual Management

Standard work is the starting point for all continuous improvement efforts. Learn this proven method for creating standard work, applying document control and how to use visual workplace principles to train others in the latest best practices.

High Performance Teams

Learn strategies to build trust, improve morale and enhance group problem solving capabilities.

Leadership Skills

Learn how to apply responsibility and authority, delegate effectively, motivate others, reduce conflict and increase productivity.

Rapid Changeover (SMED Technique)

Directly address losses and dramatically reduce the downtime associated with “make readies” and other machine changeovers, resulting in increased flexibility and customer responsiveness.

TPM

This methodology is used to maximize the effectiveness and longevity of equipment. Learn how Overall Equipment Effectiveness (OEE), 6S and Visual Management work together to achieve zero defects, zero breakdowns and zero accidents.

Critical Thinking & Problem Solving

Learn how to better understand and solve business issues while learning different problem-solving techniques that can be used every day.

Industry 4.0

This module explores the nine technologies of Industry 4.0 and how your organization can profit from the next generation of business and commerce.

Kaizen Facilitation

This workshop prepares process improvement event facilitators to successfully lead a team through an improvement event. This workshop will demonstrate how to prepare, facilitate and follow up on an improvement event.

Investment for five weeks of certification training, including graduation:

Manufacturer: \$1,895.00 per person

Non-Manufacturer: \$2,275.00 per person

[Click here](#) or scan the QR code for more information and to register!



Each participant will receive a Lean Specialist certificate based upon the prescribed tools and training methods of the National Institute of Standards & Technology (NIST), a widely accepted national standard in continuous improvement.