

NEPIRC's Lean Specialist Certificate Program is a series of courses that cover the concepts and tools manufacturing professionals need to support Continuous Improvement efforts in today's challenging work environment. The curriculum encompasses the technical and interpersonal skills required 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 all stages of their lean journey.

TRAINING CURRICULUM

Principles of Lean Manufacturing

Lean Enterprise tools and techniques improve productivity, cut lead times, increase product quality and reduce production costs. Participate in a simulation that transforms a traditional manufacturing company into a Lean Enterprise.

Value Stream Mapping Training

Visually map production and information flows throughout an organization. Identify wastes that adversely affect customer satisfaction. Create a current and a future state map, identify wastes, and implement a plan for improvement.

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. Learn the techniques needed to establish visual management systems to improve workplace communication and adherence to standards.

Standard Work

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 practice.

Lean for Business Processes

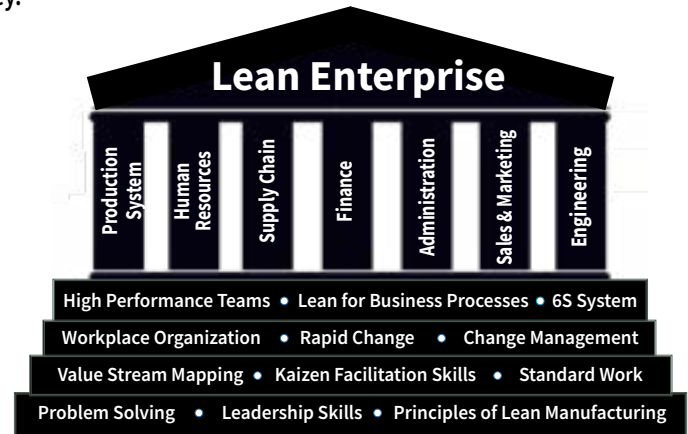
Learn how Lean principles apply to administrative processes and how they can significantly shorten process lead times, reduce waste, increase output, and raise customer satisfaction.

Kaizen Facilitation Skills

Learn to successfully lead a team through an improvement event. Through instruction; group exercise, group discussion and practical application, participants gain confidence in leading and facilitating change.

Leadership Skills

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



High Performance Teams

Learn strategies to build trust, improve morale and enhance group problem solving capabilities. Pinpoint barriers and develop constructive strategies, behavioral styles, and skills.

Problem Solving

This methodology to identify a problem, discover the root cause, make data driven decisions, implement the solution, measure the improvement, and communicate the improvement creates a learning culture that improves performance.

Change Management

Identify and develop the skills to be more effective at leading change, whether the change is one they have chosen to initiate or one they have been asked to implement.

Rapid Changeover & Graduation Luncheon

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

6 Sessions - 5 full day and 1 half day

Dates: TBD

Time: 8:00 am – 5:00 pm (breakfast & lunch provided)

Location: NEPIRC, 75 Young St., Wilkes-Barre, PA

[Click here for more information](#)

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

- Recognize and eliminate workplace waste by determining value-added, non-value-added and non-value-added-but-required activities.
- Identify key value streams within your company.
- Participate in Value Stream Mapping projects to identify opportunities for improvement.
- Develop improvement plans for shop floor and office/administrative processes.
- 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.
- Lead change and build high-performance teams.

Week #	Session Schedule	
1	Principles of Lean Manufacturing	Morning
	Value Stream Mapping	Afternoon
2	6S Workplace Organization	Morning
	Standard Work	Afternoon
3	Lean for Business Processes	Morning
	Kaizen Facilitation Skills	Afternoon
4	Leadership Skills	Morning
	High Performance Teams	Afternoon
5	Problem Solving	Morning
	Change Management	Afternoon
6	Rapid Changeover & Graduation	Morning

"I highly recommend this training program to any organization that wants to take their continuous improvement efforts and culture to the next level. The course content was excellent and taught with a holistic approach. Concepts were illustrated through lecture, hands on applications, and engaging discussions focused on transitioning the classroom experience into real world application. NEPIRC instructors were outstanding and the networking and sharing of experiences amongst the participants added to the learning experience."

*Susan Butchko-Krisa
HR Manager and Lean Specialist
InterMetro Industries*

EACH PARTICIPANT WILL RECEIVE A LEAN SPECIALIST CERTIFICATE BASED UPON THE PRESCRIBED TOOLS AND TRAINING METHODS OF THE NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY – A WIDELY ACCEPTED NATIONAL STANDARD IN CONTINUOUS IMPROVEMENT.

Graduates may audit a single session of any of the courses offered in the lean certificate program within one year of receiving their certificate at no additional charge.



75 Young Street • Hanover Industrial Estates
Hanover Township, PA 18706
Phone: 570-819-8966 • Fax: 570-819-8931
www.nepirc.com

