IMPACT WASHINGTON
PART OF THE MEP National Network

A LEAN, MEAN EMPLOYEE-POWERED MACHINE

What's the best way to build - and sustain - a Lean culture so your company can successfully compete in an ever-changing global marketplace? By engaging your employees, developing their capabilities, and sharing a vision that's grounded on continuous improvement efforts.

Impact Washington's Lean Enterprise Certificate Program (LECP) gives your leaders the tools, strategies and hands-on practice they need to build a culture of Lean transformation. They'll learn how to master the five Lean principles - and how to implement them in your business to streamline procedures, prioritize high-payoff activities, and minimize waste.

LEAN ENTERPRISE CERTIFICATE PROGRAM

COURSE DESCRIPTION:

Adapted from the Lean Enterprise Certification Program(LECP)created by the Society of Manufacturing Engineers (SME), this course will provide Lean training and experience to those who can then become "Lean Champions" for their companies. During the course, students are encouraged to apply their skills on a project at their organization.

The training combines site visits of local companies at varying stages of their Lean journeys so participants can see how Lean techniques are deployed in real-world scenarios.

THE FIVE LEAN PRINCIPLES INCLUDE:

- Defining customer value
- Identifying and mapping a value stream
- Creating a smooth flow of value-adding activities
- Establishing a pull-based system
- Pursuing perfection

AFTER COMPLETING THE LECP, PARTICIPANTS WILL BE ABLE TO:

- Demonstrate knowledge of the Lean Body of Knowledge
- Apply their learning to their company with a practicum project
- Return to their organization equipped to champion continuous improvement.
- Immediately begin implementing a culture of continuous improvement.

A three-hour exam is administered at the end of the program, where participants demonstrate an understanding of the Lean Body of Knowledge. The certified test completion, along with additional project hours, can be applied toward a Bronze Level Certification as well as progression toward Silver and Gold Certification (www.sme.org).

THIS COURSE IS DESIGNED FOR:

- General managers, operations and product development managers
- Industrial, manufacturing and continuous improvement engineers and technicians
- Supply chain, production, purchasing, and logistics professionals

COURSE REQUIREMENTS:

Participants receive and must read the following texts: Gemba Kaizen by Masaaki Imai, Lean Production Simplified by Pascal Dennis, Toyota Kata by Mike Rother, and Learning to See by Mike Rother and John Shook. An additional text, Lean Lexicon, is provided for reference, as are instructional manuals that reflect the classroom presentations.

TOPICS:

1. Lean manufacturing
2. Value stream mapping (VSM)
3. Workplace organization
4. Standardization
5. 5-S
6. Reduction/quick changeover
7. Pull/Kanban
8. Problem-solving
9. Process design
10. High-performance team development
11. Kata discipline

LENGTH:

40 hours of classroom participation/16 hours of project application