

Lean Enterprise High Performance Manufacturing Training

The Impact Dakota Lean Enterprise High Performance Manufacturing (LEHPM) training helps businesses achieve higher profitability by building internal capability and capacity to improve **QUALITY, COST, AND DELIVERY**. This training is based on the Lean Enterprise Certification (LECP) body of knowledge and uses standards developed and judged by the **Society of Manufacturing Engineers (SME)** in partnership with **Association for Manufacturing Excellence (AME)** and the **Shingo Institute**. This training includes the optional LECP Exam which is a prerequisite for becoming a certified lean practitioner.

LEAN[™]
certification
AME • SHINGO INSTITUTE • SME

In-Person and Virtual Options

Dickinson, ND



Impact Dakota LEHPM provides individuals and companies with a comprehensive and effective roadmap for professional and workforce development that aligns with industry-recognized standards for LEAN training and certification. This training provides participants with the opportunity to learn about the following LEAN Building Blocks tools, techniques, and systems, enhancing their abilities to contribute improving production and operations.

- Lean Manufacturing
- Facility Layout and Flow
- Kaizen
- 5S Workplace Organization
- Value Stream Mapping
- Kanban/Materials Management
- Problem Solving
- Set-up Reduction/Quick Changeover
- Standard Work
- Total Productive Maintenance

IMPACT DAKOTA
People • Purpose • Process • Performance

— Impact Dakota Presenters —



WENDY HAUFF is a seasoned Manufacturing and Quality Engineering Professional with over 20 years of expertise in Process Development, Continuous Improvement, and Project Management. She has worked in Aerospace, Defense, and Aerial/ Compact Equipment industries, excelling in areas like Assembly, Welding, Material Management, and Inspection. Wendy has led teams, implemented methodologies like DMAIC and PDCA, and used Lean Six Sigma tools to improve efficiency, reduce costs, and achieve certifications. A certified Six Sigma Black Belt with a BS in Aerospace Engineering from Embry-Riddle Aeronautical University, she focuses on workforce development, leadership, and strategic planning to enhance North Dakota businesses.



LYLE ARNOLD brings over 20 years of experience in manufacturing, starting at Turtle Mountain Corporation and advancing through roles in supply chain management and operations at Goodrich Corporation and Collins Aerospace. Skilled in Lean manufacturing and certified as a Lean Practitioner, Lyle has led continuous improvement projects and managed stakeholder communications. With a BS in Business Administration from Valley City State University and expertise in AS9100 auditing, he contributes to optimizing manufacturing processes at Impact Dakota.



TROY HANSON has 33 years of expertise across automotive, industrial equipment, and aerospace industries, with a strong focus on lean enterprise and hands-on leadership. Beginning as a fuel systems development engineer at Cummins Engine Corporation, he has held roles in Engineering, Manufacturing, and Quality. Troy excels in leading teams, implementing lean principles, and driving operational improvements. He holds a BS in Mechanical Engineering from North Dakota State University and leverages his extensive experience to guide businesses in achieving excellence and leadership growth.

Why Should You Attend?

"Wendy has been a tremendous help in teaching Vanna how we can implement lean manufacturing tools within our company to drastically reduce waste and increase our production efficiency to meet our demand!"

— Jason Gilbraith
Co-Founder & CTO
Vanna Adventure Vans



Employees from Vanna Adventure Vans attended a recent LEHPM training. The Lego simulations were their favorite part.

We agree - we like them too!

Sign up for an LEHPM training and play with Legos while you learn skills to make you and your company more productive and profitable.

To Get More Info or Discuss

an LEHPM session in your area, please contact:

Wendy • 701-425-4036 • wendyh@impactdakota.com

Lyle • 701-425-3286 • lylea@impactdakota.com

Troy • 701-425-7353 • troyh@impactdakota.com



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Impact Dakota is the official representative of the
MEP National Network in North Dakota.

**Course will be held pending sufficient participation.*