

North Dakota manufacturing companies, in partnership with Impact Dakota, are working together on a program to build Lean Enterprise capacity within manufacturing companies, and the manufacturing industry. Program participants will receive a Lean Knowledge Certificate, and, as a recommended option, prove their proficiencies by passing the Society of Manufacturing Engineers (SME) Bronze Level Certificate Examination (provided).

Option 1: Lean Enterprise Course with Lean Bronze Exam *plus* Project Portfolio Assistance, *with* one (1) Kaizen Blitz

Option 2: Lean Enterprise Course with Lean Bronze Exam *plus* Project Portfolio Assistance

Note: If six or more attendees are from the same company, one additional company kaizen blitz (improvement project) is included with both options. Option 1 includes a company kaizen blitz regardless of company attendance.

Business Partner Financial Commitment Per Participant	
Total Cost (Option 1):	\$2,995
Total Cost (Option 2):	\$1,995

The accompanying pages provide the program definitions, proposed dates and suggested target participants. To participate in this Program, the Manufacturer agrees to the following:

1. To pay Impact Dakota the per-participant amount selected from the option(s) above.
2. If funds available, to make timely application to the appropriate state workforce development organization for reimbursement of available funds per participant. Impact Dakota can assist with the application process.
3. To make best efforts to provide time and other resources so the participants can fully participate in the program.
4. To provide constructive feedback on the program, including participation in a NIST MEP confidential, third-party survey after completion. *See page 3 of this document for more information about the survey.*

We understand the above listed commitments required to participate in the Certificate of Knowledge Lean Enterprise Training & Certification Program, and agree to work with Impact Dakota on the program.

Company Name _____

Authorized Manufacturer Representative _____

Name / Title

Date: _____

**Please Specify the
Number of Attendees:**

Option 1: _____

Option 2: _____

Please provide a copy of this completed commitment form to: Brad Boyd, Impact Dakota, 1929 North Washington Street, Suite M, Bismarck, ND 58501. Email: BradB@ImpactDakota.com. Phone: 701.354.0980, Fax: 701.354.0991.

For information about the LECP training contact Reza Maleki at 701.367.8664, Email: RezaM@ImpactDakota.com.

The Industry Certification Standard: The alliance created and maintained by SME, AME, The Shingo Institute and ASQ brings industry together with this rigorous Lean Certification program to set the standard for Lean practices and principles across the globe.



Options 1 & 2 will target: Companies on Lean journeys, Internal Lean champions, Practitioners, and Consultants charged with facilitating those Lean transformations. Those that successfully complete this course, and pass the Lean Bronze examination, will have demonstrated and be fully capable of leading Lean tactical projects within their respective organizations. **Impact Dakota will prepare the participants for, and proctor, the Society of Manufacturing Engineers (SME) Lean Bronze Examination.**

To achieve full Lean Bronze Certification, the participant must successfully complete a project portfolio. Impact Dakota will prepare and guide participants to achieve SME Lean Bronze Certification.

Option 1 includes a two-day kaizen blitz, along with assistance in developing the project portfolio.

Lean Enterprise Certification Program Training Schedule							
Learning Units and Activities	Spring 2017 LECP Calendar - GRAND FORKS						
	Jan. 26	Feb. 9	Feb. 23	Mar. 9	Mar. 23	Apr. 6	Apr. 19-20*
	Thursday	Thursday	Thursday	Thursday	Thursday	Thursday	Wednesday Thursday
Principles of Lean (101) Workplace Organization (5S)	Class 8 Hours						
High Performance Teams Standardized Work		Class 8 Hours					
Lean Machines (Quick Changeover & Total Productive Maintenance) Managing Flow			Class 8 Hours				
Cellular Manufacturing Value Stream Mapping				Class 8 Hours			
Root Cause Analysis/Problem Solving Exam Review and Preparation					Class 8 Hours		
SME Lean Bronze Exam						Exam 3 Hours	
Practical Application: 2-Day Shared Kaizen Event							Project 16 Hours

*Alternative dates possible and can be discussed

POST LECP TRAINING BENEFITS AND IMPACTS SURVEY

Following the completion of the training, NIST MEP will be sending your company a confidential third-party survey. These questions will help determine the potential benefits and impacts your company can realize by applying the knowledge gained from this training and kaizen event (if applicable). The tables below are tools to help gather information, which will be helpful when completing the survey.

Please note that Impact Dakota staff will be available to assist you in this process.

PROJECT MEASUREMENT CHART

Please provide any measurements that are the target for this project, or are overall targets of performance desired from Lean activities:

Key Measure	How will this training and/or project(s) impact these measures (annualize)?	Current	Target	Can it be Measured?	Measurement System Needed?
Sales (increase / retain)					
Cost Savings - Labor					
Cost Savings - Inventory					
Cost Savings - Materials					
Cost Savings - Other					
Jobs (create / retain)					

Return on Investment Measure	Project Costs	Financial Gain (as a result of project/training)	Return on Investment Ratio (Gain/Cost)
	\$	\$	:

RELATED INVESTMENT CHART

Related to this project, what additional investment(s) might your company make? Will you need assistance? If so, would you seek outside expertise? These client investments are considered key performance indicators which are measured by NIST MEP.

Investment	Estimated Amount	Description	Assistance Needed?
Plant or Equipment	\$		
Employee Skills - Workforce	\$		
Information Systems – Software	\$		
Other Areas	\$		
Total Investment	\$		