

Manufacturing companies in western North Dakota in partnership with Impact Dakota (formerly Dakota MEP) and the Strom Center 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. All options include an on-site Lean Enterprise assessment prior to start of the program.

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

Note: One additional company kaizen blitz is included with any option if there are four (4) or more attendees from the same company. Option 1 includes a company kaizen blitz, regardless of company attendance, and also includes project portfolio guidance.

Manufacturer Partner Financial Commitment Per Participant	
Total Cost (Option 1):	\$2,995
Total Cost (Option 2):	\$1,995
Optional: State Workforce Development Grant This funding or a portion of (if approved) will be reimbursed directly to the manufacturer by North Dakota Job Service Workforce 2020 program.	Option 1: \$698-\$997 Option 2: \$612-\$875

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. To make a timely application to the appropriate state workforce development organization for **reimbursement** of \$X per participant. Impact Dakota can assist with the application process.
3. To make our best efforts to schedule the participants so they can fully participate in the program. To commit the time and resources for a group tour of the plant, and host at least one group kaizen event.
4. To provide constructive feedback on the program, including participating in a MEP NIST confidential, 3rd party survey after completion.

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 provide a copy of this completed commitment to: Dan Halverson, Impact Dakota, 1929 N Washington Street, Suite M, Bismarck, North Dakota 58501. Email: DanH@ImpactDakota.com, Phone: 701-328-5472, Fax: 701-328-5478.

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.



Both options 1 & 2 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 fully 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 prepares and guides the participants through to SME Lean Bronze Certification. **One 2-day kaizen blitz is included with Option 1, along with assistance with project portfolio development.**

Lean Enterprise Certification Program Course with Optional Company Kaizen and Project Portfolio Development									
Learning Units and Activities	Dates for 2015								
	10-Sep	24-Sep	8-Oct	22-Oct	5-Nov	Dec 2-3	17-Dec	TBD	TBD
Principles of Lean (101) Workplace Organization (5S)	Class 8 Hours								
High Performance Teams Standardized Work		Class 8 Hours							
Lean Machines (QCO/TPM) Pull-Kanban			Class 8 Hours						
Cellular Flow Value Stream/Process Mapping				Class 8 Hours					
Root Cause Analysis/Problem Solving Exam Review and Preparation					8 Class Hours				
Practical Application: 2-Day Shared Kaizen Event						Project 16 Hours			
SME Lean Bronze Exam							Exam 3 Hours		
Company Kaizen (Option 1)								Project 16 Hours	
Portfolio Development (Option 1)									TBD