

Course Description

The participants of the Lean Greenbelt Certificate program learn a practical approach to the design and delivery of Lean process improvement projects. Learning how to utilizing the Lean process design tools and implementation though kaizen. The curriculum explores the history of Lean and the methods of execution that fall within the Lean frame work. They gain a full understanding of project change management, process design and the Valueadd Lean standard project methodology that ensures consistent and successful project outcomes.

Program Objectives

- Gain an understanding of Lean principles and the related project implementation methodologies;
- Develop the competency to apply and execute Lean projects;
- Understand the need for continuous improvement and systems to engage the team in active participation of project implementation.

Course Structure

1) Introduction to Lean

Explore the history of Lean and its application across industries. Introducing the concepts, principles and tools of Lean as related to the application through out a 4 step Lean simulation exercise.

Module	Leaning Outcomes	Hours
L101	Lean overview and practical simulation	6
CM1	Managing Change, Stake Holder Analysis and Planning	2

2) Lean Green Belt

Learn the Lean Green Belt tools and their application on a execution of an improvement project to applying all aspects of the Lean and change management analysis

Module	Leaning Outcomes	Hours
GB1	Product Family	1
GB2	Current State Value Stream Mapping	2
GB3	Future State Value Stream Mapping	3
GB4	Kaizen and Root Cause Analysis	1.5
GB5	Creating Flow	1
GB6	Time and Work	1
GB7	Equipment Evaluation	4
GB8	Work Cell Design	3.5
GB9	Standard Work	1.5
GB10	Visual Systems	2
GB11	Ergonomics and Mistake Proofing (Poka Yoke)	2
GB12	Implementation and Trouble Shooting - PDCA	1.5

Total Instructional Hours: 32

Price

\$4600.00 per student.

Instructor Background & Credentials.

Michel Handfield, founder of Valueadd Lean is an operations expert who sets the bar across every organization he touches. His ongoing efforts towards the implementation of Lean Manufacturing include but are not limited to: manufacturing, project management, engineering, base business and across the knowledge processes.

Michel has been specializing and delivering Lean Principles since 2008 holding black belts in Six Sigma and Lean. He also completed a Project Management Certificate after graduating for Mechanical Engineering Technology. He has excelled at continuous improvement and implementing Lean across all areas of the business.