

Lean Six Sigma Yellow Belt

Training and Certification Program



Objectives

- Train participants on Lean Six Sigma (LSS) principles up to the Yellow Belt (YB) skills level
- Participants receive leadership, change management, LSS knowledge, materials, and templates in order to gain a better understanding and improved capabilities to tackle productivity improvement
- Participating companies start to create an internal capacity for productivity improvement.
- This course is intended for:
 - team members of existing LSS Green Belt or Black Belt projects within your organization
 - individuals thinking about a future LSS Green or Black Belt
 - people wanting to gain additional resources for productivity improvement

Mode of Delivery

Three days/24 hours of intense classroom training. In-class training will be **from 8:00am 4:00pm** each day.

Dates

November 27-29, 2018

Training Location

GO Productivity 11850 142 Street Edmonton

Course Capacity

Maximum of **twenty** participants and minimum of **eight** participants based on first-come first-served. If fewer than eight participants sign up for the program, then the program will be rescheduled and the participants notified.

Program Cost

The program cost of \$1,200.00 Cost includes training, and reference materials

Successful completion

Upon the successful completion of the course, participants will receive a Lean Six Sigma Yellow Belt Certificate

Instructor Scott Penner

Scott is a Professional Engineer, with a PhD in Optical Sciences and an MBA in Management of Technology. He holds his Six Sigma Green Belt Certification and Lean Six Sigma Master Black Belt.

Scott's educational background is complemented by over fifteen years of industry experience throughout the United States and Canada. He has a proven track record of success and provides a unique perspective that bridges the gap between technical and business perspectives to advance your business' strategic objectives.

Scott's experience and expertise are a great addition to the GO Productivity's team, and he is determined to help Canada become one of the most productive and profitable countries in the world.

LSS YB Program Agenda

The accompanying program agenda follows the DMAIC improvement methodology (Define, Measure, Analyze, Improve, and Control phases) which is a natural progression of productivity improvement projects. The course content has been created to contain a blend of both Lean and Six Sigma material. The participant will be equipped with a number of tools, templates, leadership and change management skills that can be applied to continuous improvement opportunities within his/her own organization.

Contacts:

For more information and/or to register your interest please call or email:

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- Scott Penner, P.Eng. MBA, PhD, LSS MBB, Technical Director, Operational Excellence, Productivity & Growth Services Email: scott@goproductivity.ca, Ph.: 780 784 6000

Lean Six Sigma Yellow Belt



Lean Modules		Six Sigma Modules	Leadership & Operations
DMAIC	Module Number	Module Title	Subtopics
O	1	Introduction and Course Overview	
L&O	2	Leadership Development	Leader vs. Leadership Self-Leadership Organizational Leadership
L&O	3	Organizational Focus	The Improvement Routine
L&O	4	Coaching for Change	Psychology of Change Transtheoretical Model Reflective Listening Coaching Routine
O	5	Intro to Lean Six Sigma	
D	6	Define	Project Charter SIPOC Project and Change Management Voice of the Customer
L&O	7	Operational Excellence - Simulation Part 1	LEGO simulation
D	8	Key Lean Concepts	8 Wastes of Lean Process Value Efficiency Takt Time
M	9	Document and Analyze the Process	Input Output Map Flow Diagrams Spaghetti Diagram Value Stream Mapping
M	10	Measure	Cause and Effect Matrix Basic Statistics
A	11	Analyze	Root Cause ID and Validation Fishbone Diagrams 5 Whys FMEA
I	12	Improve and Implementation	Brain Storming and Affinity Diagrams Overview of non-traditional methods Implementation Planning
QI	13	Quick Improvement - Process Flow Improvement	Constraint Analysis Process Balancing Setup Reduction
QI	14	Quick Improvement - 5S	
L&O	15	Operational Excellence - Simulation Part 2	LEGO simulation
C	16	Control	Mistake Proofing - Poka Yoke Process Control Methods Control Plans

Confidentiality clause: The information that will be received by GO Productivity will be used solely for the purpose of this program and any other step(s) that GO Productivity may be engaged with the participants and their company.