

Lean Project Delivery Training



All Lean training is hands-on and interactive...a FUN way to learn.

Training – Week 1

½ Day:

Get Started with Lean Project Delivery Fundamentals

Participants will learn the fundamentals of the Lean Project Delivery (LPD) process and understand the business case for transforming to a lean culture. The various LPD methodologies and tools will be introduced and, through simulations, you will develop an understanding of how they influence and create better project outcomes and support collaborative, transparent and respectful work behaviours

½ Day

'Going to Market' for Lean

This course will focus Owners on preparing a winning Project Delivery strategy including how and when to procure the Team using a value-based selection process that aligns with procurement Policy – Open, Fair, Transparent. Designers and Contractors will learn how to respond to a value-based selection process that considers more than low price. This includes an overview of existing CCDC contracts and how they are being used to support Lean project methodology.

These Lean Training sessions build knowledge and practice towards the LCI-C 3-Level Lean Certification Program. www.lcicanada.ca

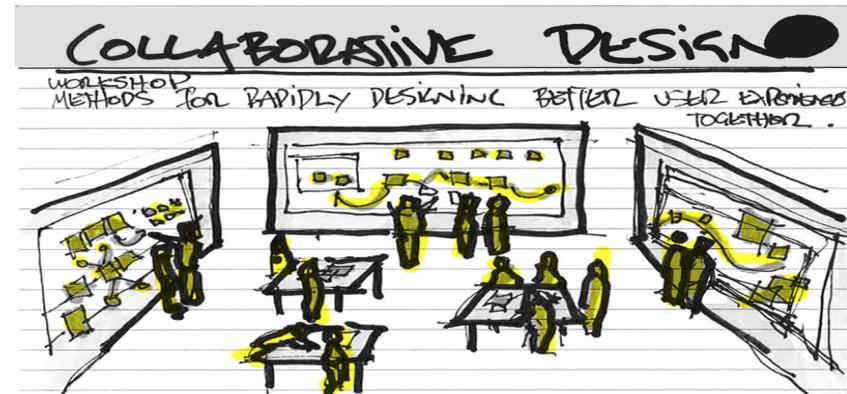
Full Day:

Lean Project Delivery Boot Camp

Bootcamp has been considered the “gateway drug” to Lean providing the “Aha!” moment. Participants will learn how the Last Planner® System improves productivity through the creation of flow and elimination of variability. Participants will come to understand how Pull Planning enables last planners to make the commitments and promises needed for reliable work flow in a collaborative work environment in order to improve project results. This course prepares participants to implement LP®S on projects and appreciate the power of Team collaboration.

Full Day:

CCA, Eric Lee will present the new CCDC contract document Integrated Project Delivery [IPD] This is an Integrated Form of Agreement [IFOA] used in many Lean projects. Shift2Lean will assist with understanding how Lean supports the IPD Contract.



Lean Project Delivery Training

Training – Week 2

Full Day:

Optimize Project Value with Target Value Delivery [TVD]

Participants will learn how Target Value Delivery improves the design process, creating the environment to design to a set budget while meeting the Owners’ needs. Working in collaborative cross-functional clusters leverages the full knowledge of the team resulting in increased value delivered to the client, while delivering to a target cost. Participants will proactively plan the work to meet an aggressive schedule and understand the importance of meeting commitments. This course will prepare your team to implement TVD on projects.

Full Day:

Value Stream Mapping

Value Stream Mapping (VSM) is a Lean “problem solving” method designed to make process Waste visible, so you can eliminate it. We provide an overview of the method and ask you “what process bugs you”. Together we will create a VSM of that ‘current state’ process, then create a ‘future state’ map and identify counter-measures to improve the process. This course will give you a different way to solve problems within your projects and your company and to keep improving the processes through the Plan-Do-Check-Adjust cycle (PDCA).



Training - Week 3

½ Day:

Collaboration Plus: How to Setup & Manage the Big Room

“The Big Room is more than co-location of people; it is about collaborative behaviour and the work it produces.” [Transforming Design & Construction] This presentation will introduce the mindset and purpose of the Big Room, present the benefits, and review the operational and physical components necessary for successful implementation. Participants will learn how the Big Room lays the foundation for collaborative team behaviours, eliminating the siloed approach to traditional project delivery.

½ Day:

Gemba Walks – Learning to See Waste

Seeing waste is about asking big questions: “What is the purpose of this process?” “Who is responsible for it?” “Is this process achieving its purpose and, if not, in what ways is it failing?” “What are the causes of these failures?” “How are the people touching the process consulted and engaged in improvement?” Participants will learn the importance of going to the Gemba (where the work is done) and learn to see waste as a team, asking questions, making waste visible and making improvements – together.

Full Day:

Getting to ‘Done is Done’ with Lean Commissioning (LeanCx)

LeanCx is an interactive workshop on a proactive commissioning approach that utilizes the Last Planner® System to manage commissioning work flow and Target Value Design to help manage the design commissioning process for achieving clearly defined value and system performance targets. This session will demonstrate how to collaboratively plan functional testing to deliver functional systems and deliver on the commitments and promises needed for the reliable work to occur, achieve challenging commissioning milestones, what we call “Done is Done”.

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