



alpenpathsolutions.com/training

Lean

Courses, Certificate & Advanced Certificate

Developed and have been teaching the Certificate in Lean (for the Public Sector) since 2015

New! Alpen Path Solutions Lean Training Centre & Micro Lab

340 Albert Street, Suite 1720 (17th floor, Constitution Square Tower III), Ottawa ON

Lean. Harness science to improve work, every day.

Why Lean Thinking? Stop starting, start finishing and DELIVER!

- Lean thinking and experimenting (Agile) are **CORE COMPETENCIES** for any workplace
- Lean thinking increases **CAPACITY, ENGAGEMENT and ALIGNMENT** to deliver
- Lean thinking helps you **SEE** the *flow* of work
- Lean thinking helps you strive to *flow* only **VALUE** to clients (and taxpayers) every day
- Lean thinking reduces complexity and helps you **MANAGE** and **OPTIMISE** the *flow* of work
- Lean thinking helps you learn to **SEE** problems, and to rigorously **SOLVE PROBLEMS** every day
- Lean thinking means colleagues and clients **COLLABORATE & INNOVATE** to solve problems
- Lean thinking, as *empirical* collaborative science, is your **ONLY** change management approach

Where to start? Develop people to solve problems. Become a Lean organization.

- Common goals, practices and language. Staff and management learn and practice Lean thinking to see work, measure work and improve work every day. Work=improvement.
- Leadership. Lean leaders own improvement and coach where work is performed.

What are lessons learned worldwide? Integrate Lean thinking in daily work.

- Management cannot delegate improvement. Lean leadership with extreme ownership of a Lean transformation is key to sustainability.
- So-called 'belt' systems (white to black) maintain command-and-control and are not compatible with Lean as collaborative science. In a Lean organisation, everyone is an equal.
- Costly armies of so-called 'belt experts' in distinct continuous improvement or Lean units can become an end in themselves and do not contribute to flowing only value to citizens.
- Mapping workshops are only a small component of Lean. Think Lean, solve problems daily!



Lean 1-day scheduled classroom training: January 2019 – March 2020 (340 Albert St., Suite 1720)

Eight 1-day Lean courses!*

Introduction to Lean for Government / office / service*
Introduction to Lean for Management*
Gemba: The Power of Observation
iLean: Make Work Visible to Focus and Finish
Lean is Science: Problem Solving
Lean: Optimising Flow to Deliver Value
Lean Project Champion
Micro-Experiments: Foundations for Kaizen (Agile)

Feb. 12, 2019–Introduction to Lean for Government*
Feb. 13, 2019–Lean is Science: Problem Solving
Feb. 14, 2019–Lean Project Champion
Feb. 15, 2019–iLean: Make Work Visible to Focus and Finish
Mar. 8, 2019–Micro-Experiments: Foundations for Kaizen
Mar. 19, 2019–Introduction to Lean for Government*
Mar. 20, 2019–Lean is Science: Problem Solving
Mar. 21, 2019–Gemba: The Power of Observation
Mar. 22, 2019–iLean: Make Work Visible to Focus and Finish
May 29, 2019–Introduction to Lean for Government*
June 11, 2019–Introduction to Lean for Government*
June 12, 2019–Lean is Science: Problem Solving
June 13, 2019–Lean Project Champion
June 14, 2019–iLean: Make Work Visible to Focus and Finish
July 16, 2019–Introduction to Lean for Government*
July 17, 2019–Lean is Science: Problem Solving
July 18, 2019–Micro-Experiments: Foundations for Kaizen
July 19, 2019–iLean: Make Work Visible to Focus and Finish
Aug. 13, 2019–Introduction to Lean for Government*
Aug. 14, 2019–Lean is Science: Problem Solving
Aug. 15, 2019–Lean: Optimizing Flow to Deliver Value
Aug. 16, 2019–iLean: Make Work Visible to Focus and Finish

Sep. 10, 2019–Introduction to Lean for Government*
Sep. 11, 2019–Lean is Science: Problem Solving
Sep. 12, 2019–Micro-Experiments: Foundations for Kaizen
Sep. 13, 2019–iLean: Make Work Visible to Focus and Finish
Oct. 15, 2019–Introduction to Lean for Government*
Oct. 16, 2019–iLean: Make Work Visible to Focus and Finish
Oct. 17, 2019–Gemba: The Power of Observation
Oct. 18, 2019–Lean: Optimizing Flow to Deliver Value
Nov. 12, 2019–Introduction to Lean for Government*
Nov. 13, 2019–Lean is Science: Problem Solving
Nov. 14, 2019–Lean Project Champion
Nov. 15, 2019–iLean: Make Work Visible to Focus and Finish
Dec. 3, 2019–Introduction to Lean for Government*
Dec. 4, 2019–iLean: Make Work Visible to Focus and Finish
Dec. 5, 2019–Gemba: The Power of Observation
Dec. 6, 2019–Lean: Optimizing Flow to Deliver Value
Jan. 21, 2020–Introduction to Lean for Government*
Jan. 22, 2020–Lean is Science: Problem Solving
Jan. 23, 2020–Micro-Experiments: Foundations for Kaizen
Jan. 24, 2020–iLean: Make Work Visible to Focus and Finish
Feb. 11, 2020–Introduction to Lean for Government*
Feb. 12, 2020–Lean is Science: Problem Solving
Feb. 13, 2020–Micro-Experiments: Foundations for Kaizen
Feb. 14, 2020–iLean: Make Work Visible to Focus and Finish
Mar. 5, 2020–Introduction to Lean for Government*
Mar. 10, 2020–Introduction to Lean for Government*
Mar. 11, 2020–Lean is Science: Problem Solving
Mar. 12, 2020–Lean Project Champion
Mar. 13, 2020–iLean: Make Work Visible to Focus and Finish
Mar. 24, 2020–Introduction to Lean for Government*
Mar. 25, 2020–iLean: Make Work Visible to Focus and Finish
Mar. 26, 2020–Gemba: The Power of Observation
Mar. 27, 2020–Lean: Optimizing Flow to Deliver Value

Each 1-day scheduled classroom workshop in Ottawa is \$425.00+HST** per participant (\$495+HST as of April 1, 2019), payable at registration. 10% off when booking 4 workshops with one-button registration online. Workshops location: **Alpen Path Solutions Training Centre & Micro Lab**, 340 Albert St., Suite 1720 (17th Floor, Constitution Square Tower III) Ottawa, 9:00 am-4:00 pm. Includes learning materials, coffee, tea and snacks.

Team In-your-workplace Workshop or at our Training Centre & Micro Lab (6-14 participants) - 1-day workshop is \$2,500+HST* (\$2,750+HST as of April 1, 2019) when in Ottawa. Can be delivered across Canada.

Certificate + Advanced Certificate in Lean (for the Public Sector) – open to all sectors

Certificate in Lean (for the Public Sector): Introduction + 3 of the above 1-day Lean courses

Advanced Certificate in Lean (for the Public Sector): Introduction + 5 of the above 1-day Lean courses

Small print :-) *Introduction to Lean for Government is a prerequisite for all other courses. **Non-attendance does not entitle the participant to a refund. Cancellation with less than 13 days advance notice forfeits a refund or rescheduling; however, an alternate participant can attend instead, please advise us ASAP. Refunds, minus a 15% service charge, are provided upon written notification of cancellation/modification received at least 13 days prior to a training workshop date. No refunds are issued following this date. Only courses facilitated by Alpen Path Solutions Inc. are recognized towards the Certificate & Advanced Certificate.