

Course : Lean site pilot, Lean Leader IASSC™ certification.

Practical course - 5d - 35h00 - Ref. PCL

Price : 3820 CHF E.T.

★★★★☆ 4,6 / 5

The role of the Lean Leader is to manage improvement projects in all types of Lean environments (manufacturing, office, IT, development). This training course will make you operational and autonomous, enabling you to lead a project team and support the Lean expert in deploying the continuous improvement approach.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Leading and managing Lean projects and associated teams
- ✓ Implement Lean management tools
- ✓ Identify and improve sources of waste
- ✓ Apply problem-solving methods and tools
- ✓ Define, measure and manage Lean project performance indicators
- ✓ Preparing for the Lean Leader™ certification exam

Intended audience

Professionals wishing to consolidate their knowledge of Lean and become improvement site pilots.

Prerequisites

IASSC Lean Practitioner certification is not a prerequisite. However, it is advisable to have taken the Lean Practitioner course (ref. ALL), or to have equivalent knowledge.

Certification

The IASSC Certified Lean Leadership™ exam is a 90-question, multiple-choice or true/false exam for each section of the IASSC Lean Leadership™ and lasts 2 hours. It takes place online and results in certification from 70 correct answers. Some formats of this test may also include up to 9 additional ungraded questions for knowledge assessment purposes.

PARTICIPANTS

Professionals wishing to consolidate their knowledge of Lean and become improvement site pilots.

PREREQUISITES

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TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.

Participants also complete a placement test before and after the course to measure the skills they've developed.

Practical details

Hands-on work

Individual and group practical work, collective reflection. Complementary digital activities on IASSC Body of Knowledge topics.

Teaching methods

Active pedagogy encouraging personal involvement and exchanges between participants.

Course schedule

1 Introduction to Lean management

- History and origins of Lean management.
- The basic concepts of Lean management.
- The culture of continuous improvement: the Kaizen and Gemba Walk mindset.
- Lean leadership.

2 Lean management and the hunt for waste

- The 3 corporate ills (3M): Muda, Muri, Mura.
- The 7 sources of waste (TIMWOOD).
- Organizing the work environment using 5S.

Storyboarding workshops

Discussions and reflections on the benefits of Lean. Playful simulation of 5S implementation.

3 Implementing a Lean approach

- The voice of the customer: the Kano model.
- Identify stakeholders and define the project team.
- Implement a continuous improvement approach: Kaizen, DMAIC.
- Set SMART objectives in line with customer expectations.

Role-playing

Analysis of customer expectations and workshop to define roles and responsibilities.

4 Anticipating project risks

- Different risk identification methods.
- Control product and process failures: FMEA.
- Define, prioritize and implement preventive actions.

Role-playing

Analysis of customer expectations and workshop to define roles and responsibilities. Risk identification and prevention exercise.

TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

5 Understand and optimize the company's various flows

- Introduction to different types of production flow (continuous, batch...).
- Process mapping tools: spaghetti diagram, swim-lanes, VSM.
- Identify bottlenecks and measure takt time to optimize flows.
- Measuring system performance: OEE.

Case study

Value Stream Mapping (VSM) case study.

6 Tools for optimizing flows

- Implementing Kanban with Just-in-Time.
- Optimize changeover times: SMED.
- Optimize batch sizes by smoothing production: Heijunka.

Case study

Value Stream Mapping case study. Exercise on changeover times using the SMED method.

7 The zero defects principle

- How to react to a quality problem using the Jidoka method?
- Root cause research methods and tools: Ishikawa, 5 Why.

Case study

Collective problem-solving workshop.

8 Operational implementation

- Definition of corrective and preventive actions: andon, poka-yoke...
- Prioritizing actions: effort-impact matrix.
- Deployment of actions.

Case study

Discussions and reflections on prioritization criteria.

9 Visual performance management and facilitation

- Leading performance improvement: PDCA.
- Definition of operational routines: SQCDP, short interval animation.
- How do you embed the Lean culture and make it sustainable?

Group discussion

Construction of associated control routines.

10 Preparation for certification

- Reminders and instructions from the examiner.
- Advice and preparation for exam questions.
- Quiz with 50 multiple-choice and true/false questions from each section of IASSC Lean Leadership™.

Role-playing

Mock test (1h) and group debriefing (1h).

Dates and locations

REMOTE CLASS

2026 : 15 June, 30 Nov.