

CERTIFIED LEAN EXPERT



Objectives

Lean has found its way into businesses across every industry like manufacturing, healthcare, medical, logistics, retail and ecommerce for good reason. It represents the better way to run a business that save cost, time and resources while delivering the value that customer required.

This programme will provide in-depth knowledge and practical case studies for Certified Lean Expert certification. At end of certification, delegate will be able to effectively apply a range of Lean Tools, be part of the change agent for the organisation to transform into a Lean organisation. The delegate will also be able to lead cross functional team to execute projects that focus on reduction of cost, streamline process and improve the operation.

Duration

Saturday | 8.45am to 5.15pm | 3 months | 80 hours

Who should attend

Management, Quality Professionals, CIP (Continuous Improvement Project) Professionals, Operational Excellence Professional, Manufacturing Engineers & Supervisors, Supply Chain Professionals who have interest in improving or streamline the process within the organisation.

The course is not limited to only manufacturing, but also include industry like healthcare, retail, ecommerce and other industry.

Entry Requirement

Diploma or Degree holders with relevant working experience; and possess Project Management Skills; Analytical Skills.

Participants must have at least one potential project for execution; and possess Basic Skills in MS Excel and Power-Point applications.

Course Fees

Type of Certificate	Assessment Method	Member	Non-member
Certificate of Competence	Examination	\$2,193.50	\$2,729.57
Certificate of Achievement	Examination and Project	\$2,653.60	\$3,189.70

Note: Project savings achieved for the project must be more than SGD \$10,000 per annum

Registration Fee of S\$17.12 and Exam & Certification Fees of S\$214 apply

All fees stated are inclusive of 7% GST

Assessment Method

Written examination - held approximately 4 weeks from end of course

Project submission - within 6 months from written exam

Project presentation - within 8 months from written exam



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Course Contents

Introduction to Toyota Production System

- Introduction to Lean Concept
- The Toyota Way & Toyoda Family
- 4Ps Philosophy of Toyota Way

Waste identification and elimination

- Analysing Work Activities
- Classification of Waste Symptom - 7W
- Searching for Waste / Elimination Technique
- Lean Project Management - A3

Create Continuous Flow and Establish Pull

- Value Stream Analysis
- Create Flow & Establish Pull
- Reducing inventory through JIT & Pull
- Quick Changeover for Operational Flexibility and Responsiveness
- Perfecting Operation - One Piece flow
- Kanban and Re-ordering Point
- Smooth manufacturing through TAKT
- Lean application for customer service
- Lean for transaction in service industry

Organisation improvement through Kaizen

- Managing a Kaizen Events
- Facilitating Events using Kaizen Tools
- Project Selection Matrix

Sustaining the Gain

- Standard Work / Jidoka / Built in Quality
- Zero Defect through Poka Yoke
- 5S and Visual Management

Key Benefits

- Be recognised as a Certified Lean Expert.
- Learn the Lean methodology, tools and techniques.
- Learn to apply CLE tools & techniques to analyse real life problem.
- Acquire the knowledge and skills to led CLE projects.
- Ability to lead project teams to achieve breakthrough results.
- Apply Lean Tools to tackle cycle time reduction and process improvement.
- Learn tools and techniques for organisation Kaizen event.



Please refer to this URL
<https://www.sqi.org.sg/courses/>
or QR Code for soft copy
and updated training schedule

Membership Application

Register membership online at www.sqi.org.sg/membership-join/ or contact us to get the membership application form.

Membership Categories:

- ~ Organisation membership
- ~ Individual membership

Singapore Quality Institute (SQI) operates as a non-profit professional institute that promotes and advances excellence in the field of quality in Singapore; and actively champions quality initiatives in the region and around the world through networking and collaborating with other international quality organisations.

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