



LEAN SPECIALIST CERTIFICATION PROGRAMME

<http://www.ssi.org.hk>



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Introduction

The Lean Specialist Certification Programme is designed for professionals seeking to achieve operational excellence through a synergistic application of Lean and Theory of Constraints (TOC) methodologies. Recognizing the limitations of isolated approaches, this course presents a holistic framework for business optimization. Lean principles, renowned for waste elimination and flow enhancement, are strategically integrated with TOC's focus on identifying and mitigating critical constraints.

In an era of unprecedented business complexity, this course provides a unique and comprehensive strategy for maximizing organizational throughput, minimizing lead times, and driving sustainable profitability. Participants will acquire the knowledge and skills to transform their organizations into highly efficient, constraint-aware entities, capable of thriving in today's competitive landscape.

COURSE OVERVIEW

This Lean Specialist Certification Programme offers a comprehensive framework for organizational excellence by integrating Lean waste reduction strategies with **Theory of Constraints (TOC)** methodology. Through six modular components, participants gain actionable insights to resolve critical constraints and streamline processes across diverse business functions.

TARGET PARTICIPANTS

Strategic Decision Makers



to improve the bottom line and organizational agility while fostering a "Lean-thinking" culture and boost engagement

- Senior Executives & Directors
- Department Heads
- Change Management Leaders
- HR Professionals

Operational Specialists



to sync production with market demand, to drive zero-defect, high-speed workflows

- Process Improvement Managers & QA Specialists
- Business Analyst
- Systems Engineers
- Operations Managers
- Supply Chain & Procurement Professionals

Future Leaders & High Flyers



looking for a career "booster" and want to differentiate themselves in the job market

- Management Trainees
- Project Managers
- Service & Healthcare Professionals



COURSE OUTLINE

1 Strategic Lean Management

1 day, 6.5 hours

- To foster an insight for management executives to develop an outline plan which aligns corporate objectives/initiatives with day-to-day operations

2 Lean Transformation

1 day, 9 hours

- Provide a structured roadmap for implementing Lean methodologies across diverse organizational functions

3 Flow Management and Kanban System

1 day, 6.5 hours

- Manage work efficiently and respond to changes quickly. By implementing effective pull-based systems, organizations can enhance productivity, improve quality, and streamline processes.

4 Wastes Elimination and Capacity Exploitation

1 day, 6.5 hours

- To equip participants with know-hows on identification and elimination of eight types of wastes and the way to unveil concealed capacity.

5 Levelling Techniques and Balance Flow Scheduling

1 day, 6.5 hours

- Levelling Techniques together with two related Lean tools, Quick Changeover and Quality Assurance in Lean Organization.

6 Operations Improvement Techniques

1 day, 6.5 hours

- To establish standard operations and to improve operations via various Lean Tools.



The Professional Skill-Gap Options

To ensure maximum flexibility for busy professionals, the Lean Specialist program is designed with a modular enrollment structure. Each of six modules is a self-contained learning unit, allowing participants to enroll for specific topics that align with their immediate professional needs or skill gap.

PROGRAM MASTERY



Strategic Precision

Master the "Lean + TOC" synthesis to solve complex business puzzles.



Operational Excellence

Equip yourself to drive transformational change and promote sustainable improvement in your organization.



Leadership Expertise

Develop skills to lead Lean initiatives and assign roles and responsibilities within teams.



Throughput Optimization

Identify and exploit bottlenecks to drive immediate ROI.



Culture of Accountability

Build collaborative teams that own their process improvements.



Elite Professional Standing

Secure a competitive edge with an SSI-recognized specialist credential.

CERTIFICATION



Participants who completed the full course of ALL modules which fulfill all requirements of each module and pass final examination will receive a Passing Certificate on the Lean Specialist Certification Programme

Individual certificates for each module can be issued upon request with one-off administration fee

PROFESSIONAL REGISTRATION



Elevate Your Career: Become a Registered Lean Specialist (RLS)

Transform your expertise into a recognized professional credential. Achieve the RLS title and join an elite network of efficiency experts.

Upon successful completion of all modules of the Lean Specialist Certification Programme and pass a VIVA examination, you can apply for the Professional Registration.

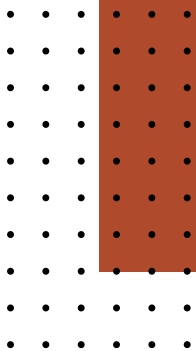
Registration Type: Annual Type/3-year Type
Please refer to the website for details



Why Become a Registered Lean Specialist ?

- Professional Distinction: Authorized use of the RLS title after your name.
- Industry Visibility: Featured on the official SSI website list of registered professionals.
- Enriched Personal Profile: Demonstrate proven mastery in Lean methodology and high-impact project delivery.
- Career Growth: Validation of your ability to lead process change and drive significant organizational savings





FEE WAIVER & EXEMPTION

Candidates who enrol in FULL course of Six Modules of the Lean Specialist programme at one- time will have first year RLS Professional Registration Annual Fee waived. *

*Applicable to candidates who have completed “Lean Leader” Certification Programme in SSI and are exempted from the Lean Transformation Module.

The Full course fee included one trial of VIVA Examination.

Please contact us at info@ssi.org.hk or (852) 2581 2771 for fee details.

Apply Online

ENROLLMENT

Please complete the e-Enrollment Form, our course administrator will contact you shortly.



A.General Questions

Yes

No

COURSE LEADER



Ir. Dr. Y.K. Chan

EngD, DMgt, CEng, FHKIE, RSSMBB, RLS,
Certified TOC Practitioner

Chairman of Six Sigma Institute
Managing Director of SBTI-Hong Kong Ltd
Post-doctoral Scholar (Oxford)
Doctor of Engineering (Warwick)
Doctor of Management (IMC/USC)
Registered Professional Engineer

Registered Six Sigma Master Black Belt
Certified Six Sigma Black Belt Teacher
Registered Lean Specialist
TOCICO Certified TOC Practitioner
Visiting Professor of Beijing Normal University
Industrial Fellow of University of Warwick, U.K.

Ir. Dr. YK Chan has over 30 years of managerial experience in both manufacturing and servicing industries. Being a pioneer of Lean Six Sigma development journey in Hong Kong, he has led over 100 Lean Sigma projects and trained over 25000 Lean Six Sigma professionals, including Six Sigma Master Black Belts, Lean Six Sigma Black Belts and Six Sigma Green Belts, Lean Specialists, Lean Leaders, Lean Practitioners, as well as TOC professionals.



Dr. Sebastian Chan

PostDoc(Oxford), PhD, MBA, RSSMBB,
CSSBB(CAQ), RLS, Certified TOCICO
Practitioner

General Manager of Six Sigma Institute
General Manager of SBTI-Hong Kong Ltd
Director of Hong Kong Quality
Management Association
Visiting Professor, Guangdong Institute of
Engineering and Professional Technology

Registered Six Sigma Master Black Belt
Certified Six Sigma Black Belt Teacher
Registered Lean Specialist
TOCICO Certified TOC Practitioner
Post-doctoral Scholar (Oxford)

Dr. Sebastian Chan has over 10 years of experience as Management Consultants Served numerous organizations both in the service, manufacturing, and healthcare industries. Jointly with Dr. YK Chan, he served over 30 hospitals in 6 clusters of public hospitals, 4 private hospitals, and HKSH for more than 10 years.

Bring This Training to Your Organization

In addition to our public courses, Six Sigma Institute (SSI) offers tailored in-house training programs designed to meet your corporation's specific operational needs. We can customize the curriculum to align perfectly with your business goals. Please contact SSI directly to discuss your requirements and receive a customized proposal.