

MASTERING LEAN PLAN AND IMPLEMENTATION

Lean Specialist Certification Programme



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Lean Specialist Certification Programme

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

The Lean Specialist Certification Programme ("LS") comprises six interconnected modules, offering a practical and integrated exploration of Lean and TOC principles.

Each individual module of the Lean Specialist course is self-contained. Participants can commence the course at any module. Participants who are interested in particular skill can join a particular module. A Module Certificate will be granted upon their successful completion of the module and meet the module requirements.



Course / Module Contents

Module 1	Strategic Lean Management (6.5 hours)
Module 2	*Lean Transformation (9 hours) <i>*Participants who completed the Lean Leader programme with SSI or hold the registered title of Registered Lean Six Sigma Black Belt (RLSBB) will be exempted from this module</i>
Module 3	Flow Management and Kanban System (6.5 hours)
Module 4	Wastes Elimination and Capacity Exploitation (6.5 hours)
Module 5	Levelling Techniques and Balance Flow Scheduling (6.5 hours)
Module 6	Operations Improvement Techniques (6.5 hours)
Module 7	Lean Study Visit (Optional, details to be advised)

Language

The course will be conducted in Cantonese with English Handouts

Upon completion of the LS Programme, participants should have acquired:

A comprehensive understanding of concepts and tools of Lean Management

Knowledge of how these concepts and techniques are being implemented in companies via the study visit

The ability to apply Lean management strategically in their organizations and across the supply chain from suppliers to customers.

The expertise to become Lean team leadership and assign team member's roles and responsibilities.

Target Participants

1. Senior managers or executives who wish to or responsible to implement Lean management in the company.
2. Highflyers who want to have a better opportunity in their career path.
3. Professionals who are responsible for business process improvement.

Course Outline

Module 1: Strategic Lean Management

Duration :	1 day , 6.5 hours
Objective	To foster an insight for management executives to develop an outline plan which aligns corporate objectives/initiatives with day-to-day operations

Module 2: Lean Transformation

Duration :	1 day , 9 hours
Objective	To provide a structured roadmap for implementing Lean methodologies across diverse organizational functions.

Module 3: Flow Management and Kanban System

Duration :	1 day , 6.5 hours
Objective	To enable participants to manage work efficiently and respond to changes quickly. By implementing effective pull-based systems, organizations can enhance productivity, improve quality, and streamline processes.

Module 4: Wastes Elimination and Capacity Exploitation

Duration :	1 day , 6.5 hours
Objective	To equip participants with know-hows on identification and elimination of seven types of wastes and the way to unveil concealed capacity.

Module 5: Levelling Techniques and Balance Flow Scheduling

Duration :	1 day , 6.5 hours
Objective	To equip participants with Levelling Techniques together with two related Lean tools, Quick Changeover and Quality Assurance in Lean Organization.

Module 6: Operations Improvement Techniques

Duration :	1 day , 6.5 hours
Objective	To enable participants to establish standard operations and to improve operations via various Lean Tools.

Course Fee – Full course

	Fee (HKD)
FULL Course Fee for ALL 6 modules	HK\$13,800
Course Fee for ALL 5 modules <i>(for students who have completed “Lean Leader” programme in SSI)</i>	HK\$12,000

Note:

1. The course fee included VIVA examination

2. Students who enrolled in Full course of the programme at one-time will have first year professional registration fee waived

Course Fee – Modules

Please contact us about the course fee and details of individual modules.

Certification and Professional Registration

Module Certificate

Participants who completed each module with attendance 70% or above

Certificate of Lean Specialist Certification Programme

Participants who completed all 6 modules of the programme and met all assignments and examination requirements

Registration Certificate with registration title Registered Lean Specialist, RLS

Participants who completed an individual project* and pass the written examination.

**The individual project is required to be presented in the VIVA exam which includes a 30-minute project presentation and a 30-minute Q & A session.*

Registration Fee

Annual Type: HK\$750 per year

Life Type: HK\$4,500

Note: After completion of the course or when the annual registration has expired for more than 12 months, a re-registration examination will be required.

Course Leader

Ir. Dr. Y.K. Chan EngD, DMgt, CEng, FHKIE, RSSMBB, RLS, Certified TOC Practitioner



Chairman of Six Sigma Institute	Registered Six Sigma Master Black Belt
Managing Director of SBTI-Hong Kong Ltd	Certified Six Sigma Black Belt Teacher
Post-doctoral Scholar (Oxford)	Registered Lean Specialist
Doctor of Engineering (Warwick)	TOCICO Certified TOC Practitioner
Doctor of Management (IMC/USC)	Visiting Professor of Beijing Normal University
Registered Professional Engineer	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	Registered Six Sigma Master Black Belt
General Manager of SBTI-Hong Kong Ltd	Certified Six Sigma Black Belt Teacher
Director of Hong Kong Quality Management Association	Registered Lean Specialist
Visiting Professor, Guangdong Institute of Engineering and Professional Technology	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.



Course Enrolment Form