



香港品質學會

**Workshop
on
Body of Knowledge for Six Sigma Black Belt**

**13 April – 8 June 2019
(8 Saturday afternoons)**

**April 2019
Intake**

**Organized by
Hong Kong Society for Quality**

Web site: www.hksq.org
Email: info@hksq.org

This Workshop provides useful guidance for candidates preparing to take ASQ's (American Society for Quality) Certified Six Sigma Black Belt (CSSBB) Examination



Each participant will receive a copy of CSSBB Primer (800+ pages) and the CSSBB Exam CD (with 1,000 questions and solutions) published by Quality Council of Indiana, USA

Co-organizer:



Supporting body:



TQM Consultants Co., Ltd.
www.tqm.com.hk

Objectives of the Workshop

Since 1968, more than 130,000 individuals around the world have become certified through American Society for Quality (ASQ) in recognition of their knowledge and proficiency in, and comprehension of, a particular quality area. The value of ASQ certification as perceived in the global marketplace is ever-increasing. Currently ASQ offers 17 certifications covering roles such as Manager of Quality / Organizational Excellence (MQ/OE), Quality Auditor, Quality Engineer, Master Black Belt, Six Sigma Black Belt, Reliability Engineer, Software Engineer, Pharmaceutical GMP Professional, and HACCP Auditor.

This Workshop is designed to review the basic knowledge and relevant techniques listed in the Body of Knowledge (BOK) of ASQ's Six Sigma Black Belt (SSBB) Certification Program †.

On completion of this Workshop, participants will be more familiar with the knowledge and tools that are expected to be put to good use by a Six Sigma Black Belt Certified by ASQ.

Theories will be brief, the emphasis of this Workshop is to highlight key areas of the knowledge domain and to develop effective test taking skills.

Outline of the Workshop

1. Business Process Management

- Enterprise-wide View
- Integration of Lean and Six Sigma
- Leadership
- Benchmarking
- Financial Measures

2. Team Management

- Team Formation
- Team Facilitation
- Team Dynamics
- Management and Planning Tools

3. Six Sigma Improvement Methodology & Tools - Define

- Voice of the Customer
- Project Charter
- Project Tracking

4. Six Sigma Improvement Methodology & Tools –Measure

- Process Characteristics
- Data Collection
- Basic Probability & Statistics

5. Six Sigma Improvement Methodology & Tools –Measure

- Measurement Systems
- Process Capability

6. Six Sigma Improvement Methodology & Tools – Analyze

- Relationships between Variables

7. Six Sigma Improvement Methodology & Tools – Analyze

- Hypothesis Testing
- Failure Mode and Effects Analysis

8. Six Sigma Improvement Methodology & Tools – Improve

- Design of Experiments (DoE)

(the capabilities in MINITAB Release 18 Statistical Software for Windows will be demonstrated)

9. Six Sigma Improvement Methodology & Tools – Control

- Statistical Process Control
- Total Productive Maintenance

10. Design for Six Sigma

- Robust Design and Process
- Design for X
- Special Design Tools



The Global Voice of Quality™

† For information about ASQ's SSBB Certification Program, please visit ASQ's web site at:

<http://asq.org/cert/six-sigma-black-belt>

Who should attend

This Workshop is designed for practicing Six Sigma Black Belts who wish to obtain recognition as ASQ Certified Six Sigma Black Belts, or quality professionals who wish to refresh their familiarity with the concepts, methodologies and tools in the Body of Knowledge for ASQ's SSBB Certification Program.

The SSBB Examination is of four-hour duration. It has 150 multiple-choice questions, offered in English, and administered in the Computer-Based Testing (CBT) mode.

Instructors

Dr. Albert H.C. Tsang
Mr. Y.C. Tsim

Authorized trainers of
Hong Kong Society for Quality

Venue

TQM Training Room
11/F, Lockhart Centre
301 Lockhart Road, Wan Chai, HK

Date & Time

13, 27 April 2019
4, 11, 18, 25 May 2019
1, 8 June 2019

A total of 8 Saturday afternoons
All sessions start at 2:00 till 6:00 pm

How to apply for enrollment

1. Complete the registration form and prepare a crossed cheque for the appropriate course fees payable to "The Hong Kong Society for Quality Ltd." Fees paid are not refundable.
2. Send the registration form and the cheque to the following address:

Dr. Albert Tsang
Hong Kong Society for Quality
P.O. Box 84375
Hung Hom Bay Post Office
Kowloon, Hong Kong
3. Registration form should reach us before 9 April 2019

Seats are limited and will be allocated on a first-come-first-served basis.

HKSQ reserves the right in cancellation (in such case, the paid fees will be refunded) and re-arrangement of the course details when necessary.

Certificate of Attendance

Participants with 70%+ attendance will receive a Certificate of Attendance on completion of the Workshop.

If you have questions

Call Dr. Albert Tsang at 9182-7810 by phone, or send email to info@hksq.org or dr.albert.tsang@gmail.com

*** Registration fee per participant**

HK\$6,000 for HKSQ/ASQ members and clients of TQM Consultants Co., Ltd.,
HK\$6,300 for others. The course fee covers a copy of the CSSBB Primer and the
CSSBB Exam CD, both published by Quality Council of Indiana, USA.

** The registration fee of this Workshop does not cover the application fee
for taking the ASQ SSBB Examination.*



HKSQ Workshop on Body of Knowledge for Six Sigma Black Belt

13 April – 8 June 2019



Registration Form

(Deadline for registration: 9 April 2019)

Mr./Ms*.: _____ (in Chinese) _____

* Delete whichever is inappropriate.

Correspondence Address:

_____ (E-mail) _____ (Telephone) _____ (Fax)

Company Name: _____

Position: _____

Department: _____

Address: _____

_____ (Telephone) _____ (Fax)

Please whatever is appropriate

- Self-financed Company Sponsored
 HKSQ member ASQ member Membership No.: _____
 TQM Client Others

A cheque made payable to “**The Hong Kong Society for Quality Ltd.**” for the amount of HK\$ _____ is enclosed. (The registration fee per participant is HK\$ 6,000 for members of HKSQ / ASQ, or clients of TQM Consultants Co., Ltd., HK\$ 6,300 for others.)

Signature: _____ Date: _____

Send completed registration form with payment to: Dr. Albert Tsang, Hong Kong Society for Quality, P.O. Box 84375, Hunghom Bay Post Office, Hung Hom, Kowloon.

For enquiries, contact Dr. Albert Tsang at 9182-7810 by phone, or send email to:

info@hksq.org or dr.albert.tsang@gmail.com