

# 六西格碼黑帶培訓課程



國際認可認證有限公司

ACTI INTERNATIONAL CERTIFICATION LTD. 100, WING LEE STREET, HONG KONG

## 簡介

The Lean Six Sigma Black Belts within an organization are the primary drivers of Six Sigma improvement. They lead project teams and are the primary resources for Six Sigma methodologies. This 8-day program provides the Black Belt students with an in-depth knowledge of the Six Sigma improvement roadmap and methodologies, as well as training and experience in applying the full complement of Six Sigma improvement tools. Prior to enrolling in the program, each Black Belt student should be identified a Six Sigma improvement project by his or her organization to work on during the training sessions. Or it may be assigned by the course instructor at the beginning of the course. Students can consult the course instructor when facing any problems of the Six Sigma projects. It is not required to complete the project before the end of the program.



## 目標

- ~ 透過六西格瑪項目的完成 Deliver a significant financial return to their organizations through completion of a Six Sigma project.
- ~ Help their organizations identify future Six Sigma projects aligned with their organization's priorities for quality, delivery, customer satisfaction and profitability.
- ~ Successfully select and apply appropriate Six Sigma tools through the Design, Measure, Analyze, Improve and Control (DMAIC) improvement cycle to future projects.
- ~ Dramatically reduce waste, rework, complexity, defects and delays in their organization's processes.

# 詳情

Upon completion of this course, the participant has the following skills:

## **Overview**

History of Six Sigma  
What is Six Sigma  
Six Sigma vs. TQM/ISO 9000  
Six Sigma Organization  
DMAIC Methodology  
Lean concepts

## **Define**

Project Charter  
Understanding the Voice of the Customer (VOC)  
and Defining a Process  
SIPOC Process Mapping  
Quality Function Deployment (QFD)

## **Measure**

Making Sense Out of Data Using Graphical &  
Measurement Tools  
Process Sigma Calculation  
Cross Functional Process Mapping  
Value Stream Analysis  
Process Capability  
Cost of Poor Quality (COPQ)

## **Analysis**

Analyzing the Causes of Poor Performance  
Techniques for Narrowing the Focus  
Muda Seven Waste  
Hypothesis Testing / ANOVA

## **Improve**

Creativity Thinking  
Brainstorming  
Benchmarking  
Change Management



## **Control**

Control Plan  
Statistical Process Control(SPC)  
Failure Mode and Effect Analysis  
(FMEA)

## **Lean Tools for Control**

5S  
Visual Management  
Poka Yoke Method(An error-proofing  
technique)

## 授課形式

演講及工作坊

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國際認可認證有限公司訓練中心



## 證書

Certificate of Successful Completion will be awarded to delegates who have attended full course

## 對象

This course is ideal for anyone who desires or is required to learn the in-depth quality, process and statistical skills needed to lead Sigma teams and projects to increase process performance leading to higher profitability, lower costs and higher customer satisfaction within his/her organization.

## 課程必要條件

無



## Course Duration

8日 (每周六 2:00pm -7:00pm)

## 費用

每位學費(原價): \$14,490 (在CEF支助後為港幣\$3,800)

## •備註:

***The course has been included in the list of reimbursable courses for CEF purposes Institution code: 696 Course code: 21Z05402-3***

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