

Executive Certificate in

Advanced Project Management

36-hour Workshop + Project Assignment

Introduction

This course is designed to cover all the body of knowledge required by the Theory of Constraints International Certification Organization (TOCICO) for the certification of Practitioners in Critical Chain Management (CCPM) Application. Upon completion of this course, participants' should have the ability to pass the TOCICO Examination and become a certified CCPM Practitioner.

What is TOC?

Theory of Constraints (TOC) is an emerging management philosophy introduced by Dr. Eliyahu M. Goldratt, the world's well-known guru in system management. TOC provides a set of holistic processes and rules, all based on a system approach that brings quick and significant improvements in performance of companies and organizations.

Why TOC?

TOC has proved success in Manufacturing, Distribution, Financial Services, Health, Defense, Government and Education industries. Dr. Goldratt's Theory of Constraints is being used by thousands of corporations, and is taught in over 200 colleges, universities and business schools. His books have sold over 4 million copies and have been translated into 23 languages.

TOC Application to Project Management

Due to the unique nature, unpredictable variation and limitation of current planning methods, project management is facing the following challenges (results of the Standards Group's recent survey):

- 75% of completed, projects are late
- Average cost overruns are 189%
- Average time overruns are 222%
- 30% are cancelled before they finished

Why are project results still so unpredictable worldwide?

The course answers this question and introduces a new project management approach which allows you to complete your project 25% faster, without scarifying scope and budget. Many company used this approach were able to increase the number of projects executed with the same resources by more than 25%.

Purpose of this Course

The purpose of this Course is to equip participants with specialized TOC solutions related to project management, enable them with knowledge and skills to implement TOC solutions and generate rapid business results.

Expected Outcomes

Upon completion of the course, participants should:

1. Have a comprehensive knowledge and skills on project management arenas of the Theory of Constraints.
2. Have competency to apply these knowledge and skills for their organizations in achieving breakthrough business results.
3. Have a capability to pass the TOCICO Practitioner Certification in Critical Chain Project Management

Contents

Part 1 Project Management Fundamentals

1. The differences between Theory of Constraints' Critical Chain (CCPM) and traditional project management methodologies
2. Identify Root Causes of Current Project Management Problems
3. Simulation Game
4. Rules and practices for project network building, scheduling and control metrics
5. Resource Contention that emerges after buffers have been inserted
6. Gaps that emerge in the Critical Chain due to insertion of feeding buffers
7. Emergence of an apparently "new" Critical Chain due to the insertion of feeding buffers
8. Defining project scope
9. Build the project network and work breakdown structure
10. Correctly identifying the drum or synchronizer
11. Traditional costing, 'crashing', and resource leveling, etc. issues
12. Case Example
13. The difference between single-project and multi-project solutions.

Part 2 TOC Thinking Processes in Project Management

14. Undesirable Effects of conventional project management
15. The core conflict in single- and multi-project environments,
16. Identify of assumptions and the core problem
17. Create the necessary injections:
18. The 4 breakthrough technology questions from Necessary and Sufficient,
19. Build the logical connections from the proposed injections to appropriate predicted effects
20. Challenges to staggering projects' release
21. Identify and communicate obstacles as well as derive intermediate objectives
22. The use of the three primary components of CCPM (staggering, buffering and buffer management)
23. Develop IO maps and PRTs
24. Metrics needed to monitor project status and ensure required control including:
 - Establishing buffers and buffer management reporting system
 - Distinguish between buffer management and buffer watching
25. Exercise

Part 3 Project Management and the logistical solutions

26. Project Management and POOGI
27. Use of measures to align all levels of the organization with long term corporate goals
28. Project Selection
29. Portfolio Management
30. Simulation game
31. Reporting and metrics required to create a portfolio management decision making model
32. The roles and information needs of the portfolio (pipeline) manager, master scheduler, and project vs. resource vs. task managers
33. Project management in construction, engineer-to-order manufacturing, software development, high tech new product development, pharmaceutical product development, MRO, consulting projects
34. Project Execution and Control
35. Better Control of Project Costs
36. Case Examples with Video Show

Organizers:

Who Should Attend

- ✦ Senior Managers who handles many projects
- ✦ Project Managers, Resources Managers, Project Planning Manager,
- ✦ Contract Managers of Large Engineering Projects
- ✦ Individuals who want to made project management as their career

Facilitators:

Ir. Dr. YK Chan EngD, DMgt, RE, FHKIE, RLS, RMBB, Certified TOC Practitioner

Mr. Jim Chim, BSc, MBA, CSSBB, RMBB, Certified TOC Practitioner

Teaching Methodology

Interactive lectures, group discussions, exercises, simulation games, case studies, videos, etc.

Time and Venue

Time: Holiday Class, January, 1, 2, 3 and 4, 2015 from 0900 to 1900 hrs

Written Examination: Sunday, 1 Feb., 2015 from 1900 to 2200 hrs

Project Examination: To be Arranged Individually

Venue: Unit 1627 Star House, Middle Block, 3 Salisbury Road, Kowloon

Language

Cantonese/English with English Handouts

Examinations and Certificates

Participants passed the course end examination will receive an Executive Certificate in Advanced Project Management issued the Global Institute of Management.

Arrangement will then be made to facilitate participants to join the TOCICO's Critical Chain Project Management Practitioner Certification Examination.

Implementation Coaching Service

Participants who are nominated by their company and tasked with TOC implementation in their organization, coaching service is available by our internationally well-known TOC experts for their successful TOC implementation. The name list of such renowned experts is available upon request.

Organizers:



They can consider employing them as external consultants for further services such as identifying business improvement opportunities, finding out root causes, formulating solutions and successful execution.

Fee

Please contact us about course fee and DISCOUNT details.

Enquiry

Mr. Sebastian Chan Tel: 2581 2771 email: schan@gim.org.hk

Organizers

**The Six Sigma Institute,
The Global Institute of Management**

Application Form 申請表格

Course code 課程編號 (refer to the course pamphlet 請參照課程單張填寫): _____

Personal Information 個人資料

*Please delete whichever inappropriate 請刪去不適用者

Chinese Name 中文姓名^ (先生/小姐/太太/女士*): _____

English Name 英文姓名^ (Mr./Miss/Mrs./Ms.*): [Surname 姓氏] _____ [First Name 名字] _____

^Must be the same as shown on HKID card/Passport 必須與香港身份證/護照相同

HKID Card/Passport No*. 香港身份證/護照號碼*: _____ Issuing Country (if any) 簽發國家(如有): _____

(For verification of the applicant's identity only 只用作核實申請人身份)

Company Name 公司名稱: _____ Position 職位: _____

Mobile No. 手提電話: _____ Office Tel. 辦事處電話: _____ Home Tel. 住宅電話: _____ E-mail

Address 電子郵箱: _____ Fax 傳真: _____

Correspondence Address 通訊地址: _____

Age 年齡#: 18-25 26-35 36-45 45-55 55+ #Please tick the appropriate box 請剔取適用方格

Highest Achieved Education Level 最高教育程度#: Secondary 中學 Post-Secondary 專上 University 大學
 Postgraduate or above 研究院或以上 Others 其他 _____

How did you receive this course information? 您如何得悉本課程資料? #

Magazine 雜誌 Newspaper 報章 Friend Recommended 朋友介紹 Website 網頁 E-mail Newsletter 電子通訊

Search Engine 搜尋器 Exhibition/Seminar 展覽/講座 Others 其他 _____

I object to the proposed use of my personal data including, without limitation, name, age, gender, phone number, fax number, job title, academic and professional qualification, correspondence address and email address ("Personal Data") for the purpose of sending me information relating to SSI's latest developments, job matching support services, training courses and related events, and other marketing activities as may be organized by SSI. 本人反對六式碼學會使用本人的個人資料包括但不限於姓名、年齡、性別、電話號碼、傳真號碼、職位、學術及專業資格、通訊地址及電郵地址(“個人資料”)於推介本會最新發展、就業支援服務、培訓課程及相關的活動及其他由本會的推廣活動的用途。

Method of payment 繳費方法#

#Please tick the appropriate box 請剔取適用方格

Cheque No. 支票號碼: _____ (Please send a crossed cheque which is made payable to 'Six Sigma Institute Limited' to Unit1627, 16/F, Star House, No.3 Salisbury Road, Tsim Sha Tsui Kowloon, Hong Kong. Please write the applicant's name and course code on the back of the cheque. Post-dated cheque will not be accepted. 請把抬頭人為「六式碼學會有限公司」的劃線支票寄往香港九龍尖沙咀梳士巴利道3號星光行16樓1627室, 恕不接受期票, 請於支票背面註明申請人姓名及課程編號。)

ATM 自動櫃員機 (Please use Bill Payment service at HSBC / Hang Seng Bank ATMs to settle the bill and keep the original of the ATM advice for record. 請使用滙豐或恒生銀行自動櫃員機的繳賬服務繳費, 並保存自動櫃員機通知書正本以作紀錄。HSBC Account Name and No.: Six Sigma Institute Limited 004-126-848001-001. 滙豐銀行帳戶名稱及帳號: 六式碼學會有限公司 004-126-848001-001。)

E-Banking 網上銀行 (For e-banking registered user of HSBC / Hang Seng Bank, you may make payment in HKD currency at the bank website without additional charges. 如閣下已登記滙豐或恒生銀行的網上理財服務, 可透過銀行網站以港元繳費而不會被收取額外服務費。)

Credit Card Online Payment 信用卡網上繳費 (Please settle the payment by using merchant code '9983'. 請以商戶編號「9983」繳費。)

PPS By Internet 網上繳費靈 (Login your PPS account through website: www.ppskh.com and enter '9983' at 'Search by Merchant Code' in 'Add Bill' page and settle the payment by following the instructions. Please keep the payment details for record. 請於繳費靈網頁 www.ppskh.com 登入, 在「登記賬單」頁的「以商戶編號搜尋」一欄輸入「9983」, 然後按指示完成付款程序。請保存繳費資料以作紀錄。)

PPS By Phone 電話繳費靈 (Please open a PPS account and register the bill by calling 18011 if you have not. Dial 18031 to pay the bill and enter '9983' as merchant code. Please keep the payment reference number for record. 請先開立繳費靈戶口及致電 18011 登記此賬單, 致電 18033 繳付賬單並輸入商戶編號「9983」, 請保存付款編號以作紀錄。)

Deadline of payment 繳費期限#

For those who would like to get 10% off early bird rate, course fees should be settled 4 weeks before the course commencement date. 如欲享用 9 折提早報名優惠, 所有費用須於開課前 4 個星期繳付。

General students are required to settle course fees 2 weeks before the course commencement date. 一般學員必須於開課前 2 個星期繳付所有費用。

Fail to settle payment before deadline will result in cancellation of the application or suspension from taking subsequent classes. 未能如期付款者的申請將不獲保留或被取消上課資格。

Declaration 聲明

- I declare that all information provided in this application and the attached documents are, to the best of my knowledge, accurate and complete. 本人聲明在此申請表格及隨附文件所載的資料，依本人所知均屬完整真確。
- I consent that if admitted, I will comply with all the Rules and Regulations stipulated by the Six Sigma Institute 本人同意如所報讀課程獲取錄，本人定當遵守六式碼學會所定的規則及章程。
- I have read the IMPORTANT NOTE in this application form and understood that the details of enrolment are subject to revisions in the course pamphlets and the latest changes in SSI website. 本人已細閱申請表格內的重要通知，並明白所有報名詳情均以本會課程單張及網頁的最新修訂為依歸。
- I understand that Personal Data collected will be used for processing application for admission, registration, academic, administrative, research and statistical purposes and will also be used for marketing purposes, specifically for the purpose of sending you information relating to SSI's latest developments, job matching support services, events and training courses. Personal Data will be treated in strict confidence. Unless otherwise agreed by me, Personal Data will not be transferred to any third parties. 本人明白所收集的個人資料將會作入學申請、登記、學術、行政、研究、統計及市場分析及用於推介本會最新發展、就業支援服務、活動和培訓課程的用途。個人資料會嚴格保密處理。除非獲得本人的同意，個人資料不會轉移予第三者。

Signature 簽名: _____

Date 日期: _____

Enrolment Procedures 報名程序

Please send or fax the completed application form at fax no. (852) 2581 2776 or e-mail to info@ssi.org.hk. Students should submit full payment and/or documentation for settlement before the applicable payment deadline. For enquiries, please call us at (852) 2581 2771. 請將填妥的申請表電郵至 info@ssi.org.hk 或傳真至(852) 2581 2776，課程的所有費用及/或所需文件必須於相應的期限前提交，如有查詢，可致電(852) 2581 2771 聯絡我們。

Registration Service 註冊專業資格服務

The SSI provides registration service for those who have successfully completed relevant training programs. For more details, please refer to related program pamphlets or contact us. 本會為成功完成相關培訓課程的學員提供註冊專業資格服務，請參閱相關課程單張或向我們查詢詳情。

IMPORTANT NOTE 重要通知

- Receipt of this application form by SSI constitutes an official booking. SSI reserves the right to reject any application in any circumstances and for whatever reasons. Payment of fees should only be construed as conditional acceptance of application. 本會收到已填妥的申請表後會為申請人保留學位。本會保留在任何情況下及以任何原因拒絕任何入學申請的權利。申請者繳付學費後，仍須符合所有入學條件，其申請方可獲得接納。
- Refund Policy for course fees paid 已繳費用的退還情況:
 - > Notice of more than 1-week prior course starts - Refund 80% 於開課前 1 個星期或以上通知退學 – 可退還 80%
 - > Notice of less than 1 week before course starts - Refund 70% 少於開課前 1 個星期通知退學 – 可退還 70%
 - > Once course has begun - NO REFUND 開課後通知退學 – 不獲退還
- All SSI students enjoy the special privileges of friends of Six Sigma Community. 所有本會學員可享有與六式碼社區會員同等優待。
- The course fee includes two examination opportunities, fee will be charged for joining extra examinations. Please contact us for the details. 本會所有課程費用已包括兩次考試機會，額外考試機會需另行收費。請向本會查詢有關詳情。
- Six Sigma Institute reserves the right to revise the subject without prior notice. Please see our website for the latest changes. 本會保留在無需事前通知的情況下對課程作出任何變動的權利。請留意本會網頁的最新情況。
- If No. 8 Typhoon / Black Rainstorm warning signal is lowered 當八號颱風或黑雨警告在以下時段除下:

at or before 07:00 早上七時前	all morning sessions will be conducted as scheduled. 所有早上課堂會如常進行。
between 07:00 and 11:00 早上七時至十一時期間	all morning sessions will be cancelled, but all afternoon sessions will be conducted as scheduled. 所有早上課堂將會取消，但所有下午課堂會如常進行。
between 11:00 and 16:00 早上十一時至下午四時期間	all afternoon sessions will be cancelled, but all evening sessions will be conducted as scheduled. 所有下午課堂將會取消，但所有夜間課堂會如常進行。
after 16:00 下午四時後	all evening sessions commencing from 18:00 onwards will be cancelled automatically. 所有下午六時後進行的夜間課堂將會取消。

Participants will be notified when the class will be made up as soon as possible. 本會將盡早通知學員補課的日期及時間。

7. Personal Data Collection Statement 個人資料收集聲明

The personal data provided on this application form is used by SSI for purposes related to the processing of enrolment and course administration. Under the provisions of the Personal Data (Privacy) Ordinance, applicants have rights to request access to and make correction of their personal data. 申請人於此表格提供的個人資料，本會只會用作處理報名及課程行政的有關事宜。根據個人資料(私隱)條例，申請人有權查詢及更改其個人資料。