



APPLIED TECHNOLOGY
GROUP OF COMPANIES
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Course On

Life Cycle Cost Management

Date : 27 February 2020
Time : 9.00 am to 5.00 pm
Venue : Armada Hotel, Petaling Jaya

SYNOPSIS

The builders aim to build with minimum cost and maximum margin. The property owners aim to maintain with minimum cost and maximum life span. We need a win-win situation. We are no longer having the luxury of excess resources. Resources mean money, men, machine and time. Business is extremely competitive where cost, quality and delivery are utmost concern. We need to have a good start and a correct start!

This course is important for you to start off before embarking any projects in 2020! We might be now facing some sluggishness in our economy, but we need to be equipped to face the coming upturn and to be the first to do it right the first time.

At the start of any project, it is important to understand the costs involved

- Traditional methods simply look at start up costs, cash flow and profit or loss
- Focused primarily on the manufacturing stage of product life cycle

Life cycle costing looks into Pre & Post as well. It is defined as the **total cost** throughout its life including planning, design, acquisition & support costs & any other costs directly attributable to owning /using the asset. It a complete and far sighted strategy. It is a surviving strategy for competitiveness and sustainability.

LEARNING OUTCOMES

- To assist management to smartly manage total cost throughout product's life cycle.
- To identify areas in which cost reduction efforts are likely to more effective.
- To estimate the cost impact of various designs and support options
- To function effectively as members or leaders in the project teams
- To demonstrate a disposition to engage in self-directed continuing professional development
- To demonstrate commitment to continuously improving quality, cost and deliverable in projects

Special Discount

Early Bird Discount RM100

Register for course and pay before 27 January 2020

SPEAKER PROFILE



Dr Kang Kok Hin
Managing Director, MPF Consultants Pte Ltd

Dr. Kang Kok Hin earned his 1st class honors B. Eng (Mechanical Engineering) from Monash University of Australia (PSC scholarship). He also obtained his Master of Engineering degree and Doctor of Philosophy in Building Science from NUS.

Professionally Dr. Kang is a Chartered Engineer in Australia and UK, Professional Engineer in Singapore; Corporate members of IFMA (USA)/BIFM (UK) in Facilities and Project management. He is a corporate member of ASHRAE (USA); ASME (USA); Fellow of Institute of Plant Engineers UK and Fellow of Asian Concrete Institute of Singapore. He founded the Institution of Facilities Management (IFM), Singapore and is currently its Honorary President. He sits in the "Spring Singapore Technical Committee" for Building and Maintenance Services as Committee Member. He also assisted Singapore Test Services in the R&D of advanced project management training. Dr. Kang is an Adjunct A/P, School of MAE Faculty, NTU; an concurrent Adjunct A/P of University Of Manchester UK for MSc (Project Management), spanning over a period of 5 years. He was also an Adjunct A/P in 2010 – 2012 for the School of Facilities and Events Management/SUSS, and Chairman of the Program Advisory Committee during the same period of time.

He started as a design and maintenance engineer with Singapore Public Works Department where he garnered the expertise in building design, operation and sustainable facilities/Infra-structure management, as well as strategic project management; accompanied by his 25 years of experiences in General business Management & international Asset and FM; in the capacities of General Manager of IT Park Bangalore India; Director of Wuxi Industrial Park China etc.; plus General Manager of CDL's 100% owned subsidiary company CBM etc. When PWD was corporatized, privatized and then becoming a private company, he has contributed toward the establishment of sustainable organization culture for excellent service quality.

For industry participation, he lectures in Singapore Building Construction Authority (BCA) & BCA Academy on Green Mark FM certification, Construction Management Productivity, Sustainable FM, Project Design/Planning/Control and FM Solutions. He also sits in the BCA Academy BIM-FM steering Committee.

He has had several academic exchanges of Asset and Energy management with several Chinese universities and Industrial Parks, Retail malls, office/commercial, Institutions and industrial buildings on the importance of becoming green via the integration of data analytic, integrated maintenance planning with Artificial Intelligence, innovative technologies such as BIM-FM, strategic and sustainable FM approaches. He has also been reaching out to Institution of Engineer Malaysia and IKRAM (Malaysia Public Works Department).

Life Cycle Cost Management

WHO SHOULD ATTEND

Project Managers, Team Members, Project and Asset cum Facilities Managers, Consultants, Developers, Engineers and Individuals, as well as Government Officials involved in Construction, Maintenance and Management.

*Claimable under HRDF SBL scheme subject to max limit allowed.
ENTITLED TO 6 BEM Approved CPD & 10 CIDB Approved CCD-Points*

Life Cycle Cost Management

COURSE SCHEDULE

<i>Time</i>	<i>Topics</i>
9.00am - 10.30am	Topic 1: Introduction to asset management and asset life cycle management <ul style="list-style-type: none"> • Asset Management and Business Performance • ISO 55000 Framework for Managing Assets • Asset Management Plans as Mechanism to Support Asset • Developing and Maintaining Asset Management Plans • Design for Serviceability and Maintainability • Life Cycle Definition and Application • Life Cycle Phases and Definition of Asset Life
10.30am - 11.00am	<i>Morning break</i>
11.00am - 12.30pm	Topic2: Factors impacting on asset life failure behaviour and asset life <ul style="list-style-type: none"> • A Risk Based Approach to Focus on the Right Assets • NPV Processing and Financial Principles to Asset • Components of Life-Cycle Cost: Book Value and Depreciation Policies • Life-Cycle Cost Modelling and Simulation • Event Base Budgeting and Zero Base Budgeting Principles • Case Studies and Exercises – Maintenance Life Cycle Costs and Budgeting
12.30pm -1.30pm	<i>Lunch</i>
1.30pm - 3.30pm	Topic 3: Condition assessments and asset life progression <ul style="list-style-type: none"> • Maintenance and Asset Condition • Mechanisms to Determine and Assess Asset Condition • Relationship between Asset Condition and Remaining Life • Effective Reporting on Asset Health and Condition • Optimal Life Determination - Principles and Modelling
3.30pm - 4.00pm	<i>Afternoon break</i>
4.00pm - 5.00pm	Topic 4: Case studies <ul style="list-style-type: none"> • Repair/Replacement Modelling • Life Span Scenario Modelling • Life Cycle Management supporting Operational Readiness • Operational Readiness Critical Path • Asset Management Plan Alignment to support Operational Readiness • Life-cycle Focus applied to Ageing Assets • Defining Ageing Asset Concerns • Asset Management Plan Alignment to support Ageing Asset Management Exercise: Draft a Strategic Asset Management Plan
<i>END OF DAY</i>	

COURSE REGISTRATION FORM

Course title:
Life Cycle Cost Management

(✓ Please tick)

	27 February 2020 Armada Hotel, Petaling Jaya
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Company Information

Company:	
Address:	
State/ Province:	
Zip/Postal Code:	
Country:	
Contact Person:	
Email:	
Phone:	

Attendee Information

Name (1)	
Job title:	
E-mail:	
Mobile/Tel No:	
Name (2)	
Job title:	
E-mail:	
Mobile/Tel No:	
Name (3)	
Job title:	
E-mail:	
Mobile/Tel No:	

Registration Fee

	Fee
Individual Fee	RM 1,200
Group Fee (3 or more delegates)	RM1,100

Closing date: 24 February 2020. An early bird discount of RM100 for payment received before 27 January 2020.

Payment

Payment is to make payable to:
Applied Technology Group Sdn Bhd
Public Bank Berhad (Malaysia)
Account no: 3178247302

Payment terms:

Payment is required before the event. Once received your place is automatically reserved. Registration fee includes lunch, refreshments and full training documentation as specified. Delegates may be refused admission if payment is not received prior to the event. The fee does not include hotel accommodations.

Cancellation Policy

All cancellation of registration must be made in writing. If you are unable to attend:

- A substitute delegate is welcomed at no additional charge.
- Your registration can be credited to a future event.
- You will receive a full refund less 10% administration charge if cancellation is received in writing more than 14 days before the event.
- No cancellations will be accepted within 14 days before the event start date. Full course documentation will however be sent to the delegate.

Course Schedule

Course starts at 9.00am and ends at 5.00pm daily. Please arrive at 8.30am on day one to allow time to register and receive course materials.

Please send completed form to:

Email to : admin@apptechgroups.net
For enquiry, please call: +603 5885 8520
Or refer to our website www.apptechgroups.net

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