



**APPLIED TECHNOLOGY**  
GROUP OF COMPANIES  
Australia • New Zealand • Hong Kong • Malaysia • Singapore

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## Course On

# Modern Construction Project Management Towards Competitive Advantage And Productivity

Date : 24 September 2019  
Time : 9.00 am to 5.00 pm  
Venue : Armada Hotel, Petaling Jaya

## SYNOPSIS

Due to ever-increasing competition, government pressure and deteriorating profit margin, we could no longer neglect effective management and control in the construction industry to stay ahead. It brings great value to organizations to equip their staff with this skill set to achieve greater productivity and competitive advantage.

Applied Technology, having realized the training needs in this field, is organizing a series of courses leading to skill and knowledge competency in construction project management to achieve the objectives. You will be able to apply knowledge, techniques, skills and tools of modern construction industry in construction activities, and demonstrate commitment to quality, cost, timeliness and continuous improvement.

To start off, this one-day course will define the nature of construction projects and their management. Various aspects will be covered at the elementary stage including cost management, risk management, human resource management, quality management, strategic management and value management. This introductory module will examine the integration of time, cost and performance aspects of construction projects through application of relevant tools and techniques to enhance the competitive advantage and productivity of organizations. It prepares the participants for more advanced courses to become CPM professionals, who could manage effectively and efficiently the construction processes for buildings and infrastructure.

## LEARNING OUTCOMES

- To understand modern construction project management concepts, theories and principles
- To apply knowledge, techniques, skills and tools of modern construction industry in construction activities
- To perform standard tests, organize and interpret test data; and apply test results to improve construction processes, inclusive planning and execution
- To function effectively as members or leaders in the construction project teams
- To communicate effectively regarding subjects related to construction activities
- To demonstrate a disposition to engage in self-directed continuing professional development
- To demonstrate commitment to continuously improving quality, cost and deliverable in construction project management
- To understand the impact of construction project management risk and value management

### Special Discount

Early Bird Discount RM100

*Register for course and pay before 24 August 2019*

# Modern Construction Project Management Towards Competitive Advantage And Productivity

## 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).

# Modern Construction Project Management Towards Competitive Advantage And Productivity

## WHO SHOULD ATTEND

- Project team members, project and asset cum facilities managers, consultants, developers and individuals who are looking to establish solid command of construction project management concepts, skills and techniques.
- Experienced project managers who are looking to formalize their project management knowledge and sharpen their current skill sets.
- Individuals who are interested in entering the field of strategic and sustainable project management
- Individuals whose goal is to take Project Management Professional (PMP) Exam offered by the Project Management Institute as part of its standards and credentials programs

*Claimable under HRDF SBL scheme subject to max limit allowed.  
ENTITLED TO 12 BEM Approved CPD & 20 CIDB Approved CCD-Points*

# Modern Construction Project Management Towards Competitive Advantage And Productivity

## COURSE SCHEDULE

<i>Time</i>	<i>Topics</i>
9.00am - 10.30am	<p><b>Topic 1: Theory &amp; Fundamental Principle of Modern Construction Project Management</b></p> <ul style="list-style-type: none"> <li>• Overview of modern construction project management</li> <li>• Techniques to manage planning, design and construction of project from beginning (pre-design) to end (closeout)</li> <li>• Control of project's time, cost, safety and quality</li> <li>• Project delivery systems including design-bid-build, design-build, CPM at-risk etc</li> <li>• Examples of projects – large, small, vertical, horizontal, domestic or international</li> </ul>
10.30am - 11.00am	<i>Morning break</i>
11.00am - 12.30pm	<p><b>Topic 2: Managing Cost in Construction Project Management</b></p> <ul style="list-style-type: none"> <li>• Non-conformance cost – excessive cost of poor quality</li> <li>• Various elements of the cost of quality (COQ)</li> <li>• Comparison of several traditional COQ theories relating to conforming and non-conforming quality costs</li> <li>• Ways of measuring the costs of construction quality</li> <li>• Two paradigm shifts – one moves from resources spent on quality non-conformance to quality conformance; the other moves from thinking in a quality compliance mode to an actual quality performance mode</li> </ul>
12.30pm - 1.30pm	<i>Lunch</i>
1.30pm - 2.30pm	<p>Topic 3: Managing Risk in Construction Project Management</p> <ul style="list-style-type: none"> <li>• Various technical, socio-political, economical, environmental and business risks</li> <li>• Identification of risks, assessment of risks qualitatively and quantitatively</li> <li>• Risk analysis techniques, handling and controlling techniques</li> </ul>
2.30pm - 3.30pm	<p>Topic 4: Strategic Management of Effective Project Teams</p> <ul style="list-style-type: none"> <li>• Workforce management – Two-tier approach</li> <li>• Strategy to improve effectiveness and productivity</li> <li>• Metrics and procedures to implement the strategy</li> </ul>
3.30pm - 4.00pm	<i>Afternoon break</i>
4.00pm - 5.00pm	<p><b>Topic 5: Value Management in Construction Project Management</b></p> <ul style="list-style-type: none"> <li>• Definition of value management</li> <li>• Benefits versus costs of value management</li> <li>• Stages of value management and projects involved</li> </ul>
<i>END OF DAY</i>	

## COURSE REGISTRATION FORM

**Course title:**  
**Modern Construction Project  
 Management Towards Competitive  
 Advantage and Productivity**

(✓ Please tick)

<input type="checkbox"/>	<b>24 September 2019</b> <b>Armada Hotel, Petaling Jaya</b>
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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
<b>Individual Fee</b>	RM 1,200
<b>Group Fee</b> (3 or more delegates)	RM1,100

**Closing date:** 20 September 2019. An early bird discount of RM100 for payment received before 28 August 2019.

### 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:

Fax to: **+603 5637 9945**

or Email to : [admin@apptechgroups.net](mailto:admin@apptechgroups.net)

For enquiry, please call: +603 5885 8520

Or refer to our website [www.apptechgroups.net](http://www.apptechgroups.net)

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