

System Engineering Management Course

Trainer :



Ir. C. S. Chang

Ir CS Chang obtained his BSc degree in Electrical Engineering from the University of Hong Kong and an MBA degree from Chinese University of Hong Kong. He has worked in France for the development of the software which was used in the MTRC Island Line Train Control System. Since then, he has been working as a project manager on various multi-disciplinary communication control, and signaling projects for both the operational railway and new railway lines for MTR Corporation Limited. CS is now the Chairman and Director of Key Direction Limited, the Executive Director of PYPUN-KD & Associates Limited. CS is the part time lecturer for M.sc. course on Railway Engineering in the Chinese University of Hong Kong.



AEEMM

澳門機電工程師學會

Associação dos Engenheiros Electrotécnicos e Mecânicos de Macau
The Macao Institution of Electrical and Mechanical Engineers



The system engineering management is one professional engineering discipline which is also related to other multi-discipline; it is a specific configuration design and management tasks in mixed type of Engineering system; this will be related to the system management and validation process and also implement the system assurance process such as the reliability, maintainability, testing and commissioning, design and development, project development, operation and phase out arrangement etc. it will ensure the system integration and operability.

The level of difficulty in the above implementations will be depended on the scale of system and complication. The system engineering will related to the optimization in the work flow of above implementations and risk management, it also included the other professional scope such as control engineering, industrial engineering, software engineering , and project management etc.

This course will demonstrate more practical example to introduce the work flow of above implementations as well as the related standards and tools, this will let attendees understand more in the contents and practical experience

Date : 18 Feb. 2017 & 25 Feb. 2017 (Two Saturdays)

Time : 10:00 ~ 13:00 , 14:00 ~ 18:00 (14 Hours)

Course Content (Language in English) :

- **Required Management and Validation Process**
- **System Interface Modeling and Management.**
- **Change Control and Management.**
- **Risk Management and Process.**
- **System Assurance (RAMS-Reliability, Available, Maintainability and Safety).**
- **Lifecycle Costing**

Tuition Fee : MOP 1,700

Address :

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Contact Information :

Registration and Inquiry:

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Enclosed please find the Enrollment Form, related Procedure and Payment information

✘ *Members of AEEMM will be accepted in priority* ✘

Course was approved by CAEU for recognized activity of continuous professional development and the recognized activity no. : 43/FC/2016