

鐵路訊號控制系統課程

Signaling Control System for Railway 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 Eletrónicos e Mecânicos de Macau
The Macao Institution of Electrical and Mechanical Engineers



In the future development of the rail traffic and transportation system, it must have the safety and reliability in the signaling and control system, this is the crucial in the rail traffic and transportation management.

We would like to deliver the principle and technology in railway signaling and control system, aims is created the platform for the rail traffic and transportation management and operation, let our attendees understand the updated information related to the signaling and control system of current traffic and transportation in railway.

Attendees can get more knowledge in principle and technology of the signal and control system, the element in application and challenge facing. Our lecturer will deliver more practical cases and academic result presented in this course

Date : 13 May 2017 & 20 May 2017 (Two Saturdays)

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

Course Content (Language in English) :

- **History of Railway Signaling System**
- **Basic Signal Concept.**
- **Fundamental on Railway Signaling Control.**
- **Automatic Train Control & Protection Systems.**
- **Fix Block & Moving Block Signalling.**
- **Communication Based Train Control.**
- **European Rail Traffic Management System.**
- **European & Chinese Train Control System**
- **Signalling System for High Speed Railway**

Tuition Fee : MOP 1,700

Address :

1505, First International Commercial Center Building, Avenida do Dr. Rodrigo Rodrigues, No. 600E, Macao

Contact Information :

Registration and Inquiry:

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Enclosed please find the On Line Enrollment related the 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. : 23/FC/2017

Electrical Engineering and Electromechanical Engineering