

Technology Series: Future Development of Electronic Road Pricing (ERP) in Hong Kong

Course Code: SC20-030

13 November 2020 (Friday), 7:00 pm – 10:00 pm

Objectives and Learning Outcomes

Electronic Road Pricing (ERP) is one of the traffic demand management strategies to manage traffic congestion. ERP has been successfully implemented in overseas countries, such as UK, Singapore and Sweden. Is ERP an effective way to resolve traffic jam issues in Hong Kong? This course is designed to provide participants an introduction to traffic issues in Hong Kong, with basic knowledge of ERP and considerations of implementing ERP in local context.

Upon completion of this course, participants will be familiar with:

- the fundamental knowledge of ERP
- the advantages and disadvantages of implementing ERP including the impacts on the railway network

Who Should Attend

For those who are interested in transport planning/traffic management

Prerequisite

Senior Secondary or above*

Language

Cantonese (with presentation slides in English)

Venue

MTR Academy - Hung Hom Centre, Kowloon, Hong Kong

Mode of Learning

Classroom lecture and discussion

Course Structure

This course introduces participants to the fundamental knowledge of ERP and other transport demand management strategies in Hong Kong. Following major topics will be covered:

- Traffic issues in Central Business Area in Hong Kong
- Basic knowledge and the development of ERP
- Benefits and concerns of implementing ERP and its impacts on the railway network
- Other transport demand management strategies for resolving traffic issues



Speaker

Mr Vincent Liu
MA, BSc, CMILT

Mr Vincent Liu has almost 10 years of experience in transport planning and modelling in Hong Kong, Macau and Mainland China. He has extensive knowledge in developing vehicular traffic models, pedestrian traffic demand models and pedestrian simulation models. In Hong Kong, Mr Liu has developed a tailor-made resource planning simulation model for Hong Kong Fire Services Department to provide emergency call forecasting, evaluate the performance of emergency ambulance service and assess impact of different policies on ambulance service. Mr Liu has also been involved in transport planning projects located mainly in South China for providing traffic consultancy services. He was responsible for developing pedestrian simulation models of the "Beijing Fengtai Railway Station" and "Peak Tram Study".

Mr Liu is a Chartered Member of the Chartered Institute of Logistics and Transport in Hong Kong (CILTHK) and holds an Master of Arts in Transport Policy and Planning from the University of Hong Kong.

Certificate of Attendance

Each participant will receive a certificate of attendance showing 3 hours upon successful completion of this programme. (Remarks: This course equivalents to 15 CPD points as accredited by CILTHK)

Programme Fee	Early Bird Fee	Discount Scheme
\$300	\$270 (Paid registration on or before 1 Nov 2020) ^Rounded up fee	15% off for <ul style="list-style-type: none">members of supporting professional bodies^full-time staff of MTR and its subsidiary companies, please refer to our webpage for detailsfull-time students (Senior Secondary or above)

^Supporting professional bodies are: Hong Kong Institution of Engineers (HKIE), The Institution of Engineering and Technology (IET), Society of Operations Engineers (SOE), China Hong Kong Railway Institution (CHKRI), Hong Kong Quality Management Association (HKQMA), Six Sigma Institute (SSI), Hong Kong Institute of Environmentalists, Literati Academy of Greater China (Lagreach), The Hong Kong Institution of Engineering Surveyors (HKIES) and The Chartered Institute of Logistics and Transport in Hong Kong (CILTHK)

Application Methods

Online

Applicants can enrol and pay online <https://www.mtracademy.com>

Enquiry in Person

Address: 1/F, MTR Hung Hom Building, 8 Cheong Wan Road, Hung Hom, Kowloon

Opening hours: Mon, Wed and Thu: 1:30pm – 2:30pm; 3:30pm – 7:30pm; Sat: 9:30am – 12:30pm

Closed on Sundays and Public Holidays

Closing Date for Registration

Please note that due to limitations of venue capacity and relevant logistics, all registrations must be made at least 2 working days prior to the delivery date of individual modules. No walk-in registration will be entertained.

*MTR Academy reserves the right to turn away successfully enrolled individuals who do not meet prerequisite.