

Railway Series: Rolling Stock (Train)

Course Code: SC 24-015

21 September 2024 (Saturday), 9:00 am to 12:00 pm



[In case of adverse weather, course will be rescheduled to 5 October 2024 (Saturday), 9:00 am to 12:00 pm]

Objectives and Learning Outcomes

MTR has become one of the key transport means for the majority Hong Kong people and tourists. This module serves as a gateway to the world of passenger trains commonly used in Hong Kong and other countries.

Upon completion of this course, participants will be able to:

- Identify common types of passenger trains
- Understand basic operation of trains
- Describe major train systems / equipment

Who Should Attend

Anyone who is keen on Rolling Stock technology and operation and possesses basic knowledge of mechanics and electricity

Pre-requisites

Senior Secondary or above*

Language

Cantonese (with presentation slides in English)

Venue

MTR Academy- Hung Hom Centre, Kowloon, Hong Kong

Mode of Learning

Class lecture and discussion

Programme Structure

This course includes the following topics:

- Overview in railway and evolution of passenger trains
- Introduction of common types of passenger trains
- Basic operation of trains
- Major train systems and equipment



Speaker



Mr Li Chow Sing
CEng., MIEE, MHKIE

Mr Li had worked in rolling stock maintenance for 22 years until his retirement in 2018. During his employment with MTRC, Mr Li took charge of maintenance support for rolling stock and depot plant equipment, including the development and sustainment of the Job Specifications and Work Instructions for the maintenance activities which involved light maintenance, heavy maintenance, component overhaul and corrective maintenance of trains. He took part in technical investigation and evaluation on reliability and performance of the rolling stock and on-board electrical and mechanical systems leading to him making improvement recommendations on safety, reliability and performance of the systems.

Mr Li had participated in consultancy services including projects for SBS Transit (Singapore), Kaohsiung Rapid Transit Corp. (Taiwan) so as to deliver trainings on Rolling Stock maintenance strategy, asset management and RCM analysis etc. to various companies such as Rotem, BJMTR, Tianjin Metro and Metro Rio.

Mr Li attained his academic qualification of BEng. in Electrical Engineering in 1988 and was admitted as a member of the Institution of Electrical Engineers (UK). He became a Chartered Engineer in 1995.

Certificate of Attendance

Each participant will receive a certificate of attendance showing 3 hours upon successful completion of this programme.

Programme Fee	Discount Scheme
\$250	30% off for <ul style="list-style-type: none">– full-time staff of MTR and its subsidiary companies[^]– full-time students (Senior Secondary or above) <p>[^]Latest details, please refer to our webpage</p>

Application Methods

Online

Applicants can enrol and online payment by credit card at <https://www.mtracademy.com>

Enquiry in Person

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

Opening hours: Monday - Friday: 9:30am – 7:30pm; Saturday: 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.