

Railway Series: Locomotive and Engineering Vehicles (Visit)

Course Code: SC 24-018

19 October 2024 (Saturday), 9:00 am to 12:00 pm

Objectives and Learning Outcomes

This course is designed to provide students with an introduction to the critical part of a train - locomotive or engineering train, which is a rail transport vehicle that provides the motive power for a train.

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

- Understand the characteristics of Locomotive and Engineering Vehicles (L&EVs)
- Understand the design and development of locomotive
- Gain an insight into the maintenance of L&EVs at Pat Heung Depot (PHD)

Who Should Attend

Anyone who is interested in engineering train design and operation

Pre-requisites

Senior Secondary or above*

Language

Cantonese (with presentation slides in English)

Venue

Pat Heung Depot (PHD)

Mode of Learning

Class lecture and site visit

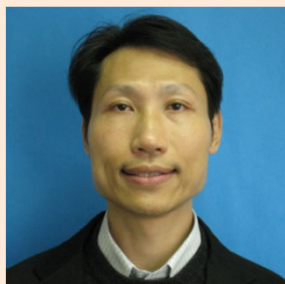
Programme Structure

This course includes 3-hour classroom lecture and site visit, to be held at Pat Heung Depot (PHD). The course includes the following main topics:

- Introduction of Locomotive & Engineering Vehicles (L&EVs)
- Design and development of locomotive
- Site visit held at PHD



Speaker



Mr C.W.Leung
B.Sc., M.Sc. (Eng.)

Mr. Leung obtained his Master of Science in Engineering from the University of Hong Kong and he is an experienced rolling stock (RS) engineer who is proficient in both RS and depot plant equipment that support RS maintenance. He has extensive experience at driving contractors to deliver and supervise them with proper guidance and he has proven records in delivering excellent engineering solutions. He has gained a MTR Grant Awards - Top Award on the "High Speed Rail Successful Opening" in 2019.

He is currently working as a Senior Construction Engineer -RS and is responsible for North South rail corridor project (NSL) and Tung Chung Line Extension project (TUE), high speed train (Vibrant Express) and associated depot plant facilities projects in MTR. Prior to his current appointment, he was engaged in rolling stock engineering design in various Metro passenger trains.

Certificate of Attendance

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

Programme Fee	Discount Scheme
\$350	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: Mon - Fri: 9:30am – 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.