

# Railway-Intro 2 : Rolling Stock

Course Code: SC 19-005

25 May 2019 (Saturday), 9:30 am to 12:30 pm

## Introduction

MTR has become one of the keys transportation means of almost every 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.

## Programme Objectives

To arouse interest in Rolling Stock system including types and applications. Also to raise awareness of its operation.

## Learning Outcomes

Upon completion of this course, participants are 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.

## Pre-requisites

- Basic knowledge of mechanics and electricity
- Senior Secondary School, Form 4 and above eligible to enrol\*

## Language

Cantonese (with presentation slides in English)

## Venue

MTR Academy - Hung Hom Centre, Kowloon, Hong Kong

## Mode of Learning

Classroom lecture and group discussion

## Programme Structure

This course comes with 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

The course will start with an overview in railway and introduction of the evolution of passenger trains around the world, as well as the common types of passenger trains, which are currently used in Hong Kong and around the world.

The basic train operation will then be described to enable a better understanding on how trains run safely and provide comfortable and pleasant experience during the journey.

Lastly, the programme will talk about the major train systems and equipment. Through this section, participants will be able to appreciate the various systems and major equipment on trains.

## Speaker



Adrian Tse  
MEngPrac

Adrian Tse is currently the Manager-Technical Training in MTR, with more than 34 years of railway experience, covering signalling equipment maintenance, Rolling Stock technical training and managing training teams of Rolling Stock, Permanent Way and Information Technology.

Adrian has provided consultancy services to different MTR operated hubs in PRC and India. He also involved in many new passenger train projects, e.g. South Island Line, Shatin - Central Line, High Speed Rail and Q- Train to ensure related contractors providing quality and timely training as well as in-house technical training to MTR staff.

Adrian holds a Master Degree of Engineering Practice in Maintenance Management from University of Wollongong, Australia and Certificate in Training and Development, the Education of University of HK. He is also a holder of National Corporate Trainer (Class 2) qualification, issued by Ministry of HR & Society Security, China.

## Certificate of Attendance

Each participant will receive a certificate of attendance (indicating 3 hours of participation) upon successful completion of this programme

Programme Fee :	Full Fee	Discount Scheme
Price for full course	\$250	30% off for – full time staff of MTRCL and its subsidiary companies (Ngong Ping 360, Octopus and TraxComm) – full-time students (senior secondary, Form 4 or above)

## Application Methods

### Online

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

### Enquiry in Person

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

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

Closed on Sunday and Public Holiday

## Payment methods

By credit card

## Closing Date for Registration

Please note that due to limitations of venue capacity and relevant logistics, all registrations must be made at least 3 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.