

Railway Series: Signalling System

Course Code: SC 25-013

17 May 2025 (Saturday), 9:00 am to 12:00 pm

Objectives and Learning Outcomes

This course introduces the history and development of railway signalling system and the general signalling principles. Examples of implementation of signalling systems will be discussed.

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

- Appreciate the history and development of railway signalling
- Understand the underlying principle of railway signalling
- Enhance interest in railway signalling and operation

Who Should Attend

Anyone who is keen on railway technology and operation

Pre-requisites

- Basic knowledge of Physics, electrical circuits and communications is preferred
- Senior Secondary or above*

Language

Cantonese (with presentation slides in English)

Venue

MTR Academy - Hung Hom Centre

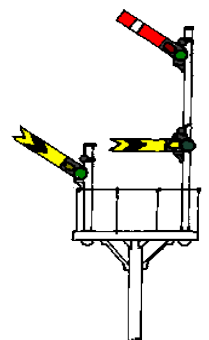
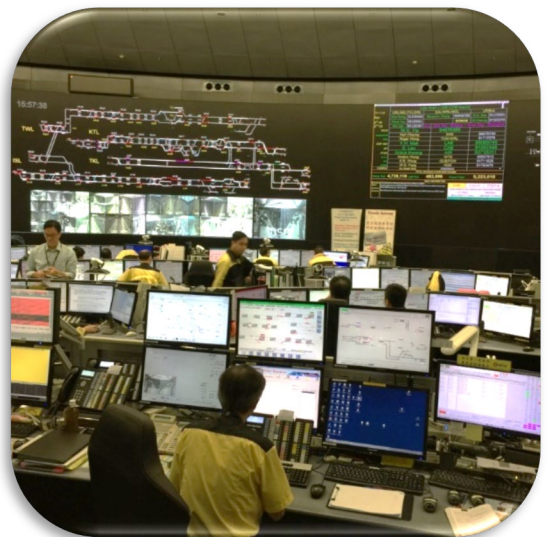
Mode of Learning

Classroom lecture

Course Structure

This course comprises of the following main topics:

- History and development of railway signalling
- Principles of railway signalling
- Application and operations of signalling in railway



Speaker



Mr N.H. Choi
M.S.c, MIRSE

N.H. Choi is currently an Assistant Training Manager in MTR, with more than 20 years of experience in railway signalling system maintenance training.

N.H. holds a Master of Science in Electronic and Information Engineering degree from the Hong Kong Polytechnic University. He is also a member of the Institution of Railway Signal Engineers.

Certificate of Attendance

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

Programme Fee	Discount Scheme
\$270	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: 9am– 8pm; Saturday: 9am – 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.