

Railway Series: Human Factors in Safety Management for Railways

Course Code: SC 26-015

30 May 2026 (Saturday), 9:00 am to 12:00 pm

Objectives and Learning Outcomes

"Human Factors" plays a crucial role in safety management and incident prevention for railway industry. This course focuses on the basic elements of human factors, the process and model for human factors and the relevant techniques adopted for human factors analysis in railway operations to minimize human errors.

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

- Realize the importance of human factors in railway industry;
- Understand human factors process and model in railway operations; and
- Appreciate the tools/techniques for human factors analysis through exercise.

Who Should Attend

Anyone who is interested in human factors in safety management for railway industry

Pre-requisites

Senior Secondary or above*

Language

Cantonese (with presentation slides in English)

Venue

MTR Academy - Hung Hom Centre

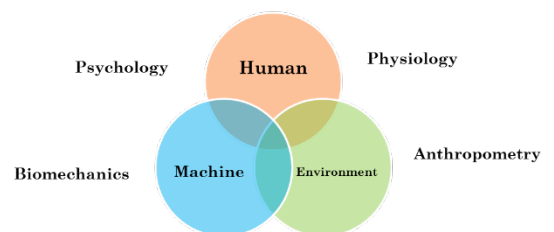
Mode of Learning

Classroom lecture

Course Structure

The course includes the following major topics:

- Why do Human Factors exist in Railways?
- Introduction to Human Factors and Human Errors
- Human Factors Model and Process in Railway
- Tools and Techniques for Human Factors Analysis



Speaker



Mr Alan Choi

MPhil, BEng (Hons),
LLB, CEng, RSO

Alan Choi is the Manager - Occupational Safety & Quality in MTR, with more than 18 years of experience in safety & quality management. He was responsible for a wide range of Human Factors (HF) services including review of HF-related design; implementation of HF reviews and studies for different projects; support of HF related incident investigation, review of HF incident report and organization and implementation of HF training.

Alan is a Chartered Engineer by Engineering Council (UK) and a Registered Safety Officer by Hong Kong Labour Department. He holds a Research Master Degree (MPhil) specialized in Safety & Ergonomics from the University of Hong Kong. He also possesses Bachelor of Engineering from the University of Hong Kong and Bachelor of Law from the University of London. He is also a System Auditor, Six Sigma (Green Belt) and Lean Leader.

Certificate of Attendance

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

Programme Fee	Discount Scheme
\$270	30% off for – full-time staff of MTR and its subsidiary companies^ – full-time students (Senior Secondary or above) ^Latest details, please refer to our webpage

Application Methods

Online

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

Enquiry in Person

Address: 1/F, MTR Hung Hom Building, 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.