

Our Speakers



Dr. Victor Leung

DMgt, MSc, BCom, DipM, MCILT, FHKQMA

Dr. Leung is a respected force in the fields of public transport and tourism, with more than 38 years of experience in strategic railway operations and business management, marketing and branding, transport planning, fare management and service quality management.

He currently devotes his time to sharing his expertise with others in the field, serving as an adjunct lecturer at HKU SPACE as well as a part-time lecturer at the University of Hong Kong and the MTR Academy.



Mr. Alex Lau

Acting General Manager-Safety & Quality, MTR

A Chartered Engineer with a career spanning over 20 years in railway safety, quality and productivity management, Mr. Lau is responsible for the management of railway safety rules and procedures; overseeing the implementation of an occupational health and safety management system; and developing a competency management system for safety critical operations.

He was actively involved in the merger of Kowloon Canton Railway Corporation and MTRCL, and successfully accomplished the development and implementation of a combined Railway Safety Rule covering all operating lines of the MTR network after the merger.



Mr. Stephen Chik

Principal Advisor - Engineering, MTR

In his former role as General Manager of Planning & Civil Engineering, Mr. Chik led the planning, design and construction of major railway projects for more than 26 years. In August 2018, he stepped into his new role as Principle Advisor of Engineering.



Mr. Raymond Leung

Group Workshop Manager, MTR

Mr. Raymond Leung is a respected asset management authority with more than 33 years of tenure in the passenger transport sector, predominantly with MTR. His expertise in the field covers fleet maintenance of passenger trains as a depot manager, as well as asset development and maintenance for the rolling stock maintenance department, where he guided maintenance planning, documentation, budgeting and manpower development.

He is currently the group workshop manager responsible for the maintenance of half of MTR's passenger train fleet, overseeing workshop overhaul maintenance, locomotives and engineering vehicles.

Intake Schedule and Programme Fees

For details, please refer to the Registration Form.

Programme Enquiry

Please contact Ms. Ng at slng@mtr.com.hk or call +852 2520 3453.



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Hung Hom Centre Kowloon Bay Depot Centre Tai Wai Depot Centre Pat Heung Depot Centre
MTR Headquarters Building Citylink Centre Manhattan Place Centre

Executive & Professional Programmes

Professional Certificate in Operations and Engineering for Railway Service Provisions (PCOER)



Draw on the experience of experts in the field as they discuss the basic principles and best practices of managing railway operations, specifically through an examination of MTR's strategies, policies and procedures.

The modular syllabus begins with a macroscopic overview of transport management within Hong Kong's integrated transport system, followed by a more in-depth examination of MTR's operations and maintenance frameworks.

This programme is designed to help graduates advance easily to either the Executive Certificate in Railway Operations Management (ECROM) or Executive Certificate in Asset Management (ECAM) programmes. An incentive will be available exclusively for programme graduates who progress to ECROM or ECAM.

Objectives

- Gain a general understanding of railway operations management and its impact on societal development;
- Witness how operations management principles are applied daily by a major railway;
- Discover how various MTR business units integrate to facilitate a cohesive operations management regime; and
- Gain practical takeaways through group discussions and interactions with experts and peers from across the globe.

Who should attend

Career starters interested in rail operators and authorities, industry practitioners with two to three years of experience in the field, emerging railway professionals and managers seeking to enhance their understanding of rail operations.

Language

English

Programme Schedule and Module Descriptions

Day 1

The Birth and Development of Railway Operations (3 hours)

Speaker: Mr. Stephen Chik

Examine the processes involved in the design, planning and implementation of a railway system, focusing on safety, stakeholder requirements, documentation and technical definitions. Important elements of setting up and sustaining operations will also be considered.

Railway in an Integrated Transport System (1.5 hours)

Speaker: Dr. Victor Leung

Understand a railway's impact on society and overall transportation throughput; how it interfaces with other modes of transportation; and how its requirements and performance affect their operation.

Safety Management (1.5 hours)

Speaker: Mr. Alex Lau

Delve into MTR's safety management framework, safety governance structure and organisation management at the enterprise and railway operation levels, and understand how MTR pursues excellence in its safety performance.

Day 2

Railway Operations Management: Station / Train (3 hours)

(3 hours)

Speaker: Ms. Ronnie Wong

Take a closer look at the cross-functional teams in charge of train crew operations, station management and the Operations Control Centre (OCC), and consider how these parties interact within normal working parameters and during incidents.

Site Visit: Station Operations, Property Interfacing Management and Operations Control Centre (3 hours)

(3 hours)

Speaker: Ms. Ronnie Wong

Witness first hand how these business units effectively manage an entire heavy rail network and its incident handling.

Day 3

Railway Infrastructure Assets: Lifecycle Management (1.5 hours)

(1.5 hours)

Speaker: Mr. Jonathan Lau

Discover how principles, frameworks and plans for railway infrastructure assets translate to design, procurement, implementation and T&C, and then to operations, maintenance, renewal and disposal.

Railway Infrastructure Assets: Maintenance Regimes (1.5 hours)

(1.5 hours)

Speaker: Mr. Jonathan Lau

Assess common regimes for handling railway infrastructure assets along with their merits and limitations, drawing examples from MTR's case studies.

Rolling Stocks: Lifecycle Approach for Asset Management (1.5 hours)

(1.5 hours)

Speaker: Mr. Raymond Leung

Examine key stages in the lifecycle management of rolling stock, from principles, frameworks and plans, then design, procurement, implementation, T&C, asset introduction, operations, maintenance, renewal and disposal.

Rolling Stocks: Maintenance Management and Regimes (1.5 hours)

(1.5 hours)

Speaker: Mr. Raymond Leung

Assess common regimes for handling rolling stock along with their merits and limitations, drawing examples from MTR's case studies.

Day 4

Self Reflection and Preparation of Group Presentation (3 hours)

(3 hours)

Facilitator: Eric Wong, Programme Leader

Working in groups, participants will prepare a presentation reflecting on the merits and challenges of applying the content learnt on a chosen railway system.

Assessment: Group Presentation (1.5 hours)

(1.5 hours)

Facilitator: Eric Wong, Programme Leader

Participants will be invited to give their presentations and receive an assessment from the facilitator.

Technical Visit: Kowloon Bay Depot and Training Facilities (3 hours)

(3 hours)

Facilitator: Mr. Kurt Lo Cheong

Witness real world applications of railway operations management through visits to MTR facilities.

Site visit

MTR Operations Control Centre (OCC), Depot and Operations, and Technical Training Facility

Group Presentation

Working in groups, you will prepare a presentation reflecting on the merits and challenges of applying what you learnt on a chosen railway system.

Lunch time

Tea break