



香港資優教育學苑

The Hong Kong Academy for Gifted Education

香港特別行政區政府教育局資助
Subvented by the Education Bureau, the Government of the HKSAR



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A4ENG004C

(Token- required)

[**Gifted Programme**]

Engineering Course (Level IV)

How Railway Shapes Our City – Delving into the Hong Kong’s Railway Industry (Railway Industry in Hong Kong) (Phase I)

Instructors from MTR Academy



Application Deadline
13 Jan 2025 12:00 noon

Result Release
15 Jan 2025

Intended Learning Outcomes

Upon completion of the gifted programme, gifted students should be able to:

1. Understand the history and development of the railway transport;
2. Outline the organizational structure and business models within the railway industry;
3. Recognize the importance of the railway industry in Hong Kong’s society and economy;
4. Familiarize with the railway operations, different types of railway systems and infrastructure in Hong Kong;
5. Identify the different roles and career prospects available in the Hong Kong’s railway industry.

If student members withdraw from the programme after the Application Deadline, the token will be deducted.

◆ Gifted Programme Introduction

This phase is designed to provide participants with a unique opportunity to explore the fascinating world of railway industry in Hong Kong. Participants will learn about the history and development of the railway transport in Hong Kong and how it has shaped the city's development. They will also understand the different types of railway systems and infrastructure, as well as a range of roles and career prospects available in the railway industry. By the end of this phase, participants will have a clear understanding of the railway industry, its intricacies, and its immense potential in Hong Kong.

- Phase II: Apr – May 2025
- Phase III: Jul – Aug 2025

◆ Schedule

Session	Date	Content	Time	Venue
1	8 Feb (Sat)	History and development of railway transport	9:00am – 12:00 noon	MTR Academy Hung Hom Centre
2	15 Feb (Sat)	Introduction to the railway industry in Hong Kong	9:00am – 12:00 noon	MTR Academy Hung Hom Centre
3	22 Feb (Sat)	Railway industry and Hong Kong's economy	9:00am – 12:00 noon	MTR Academy Hung Hom Centre
4	1 Mar (Sat)	Overview of railway operations	9:00am – 12:00 noon	MTR Academy Hung Hom Centre
5		Overview of railway systems and infrastructure	1:30pm – 4:30pm	Technical visit
6	8 Mar (Sat)	Introduction to career prospects in the railway industry	9:00am – 12:00 noon	MTR Academy Hung Hom Centre
7		Meeting with industry professionals	1:30pm – 3:30pm	MTR Academy Hung Hom Centre

◆ Suitable for

- S2 to S6 HKAGE student members in 2024/25 school year
- Class size: 40

This programme is same as Engineering Course (Level IV): How Railway Shapes Our City – Delving into the Hong Kong's Railway Industry (Phase I) in 23/24 school year.

◆ Certificate

E-Certificate will be awarded to gifted students who have:

- attended at least 5 sessions; and
- completed all the assignments with satisfactory performance

◆ Screening

Please answer the screening question in the online application form.

*The screening question is designed to help the applicant understands the course level and the course content. The question must be answered by the student applicant and it can only be attempted once. The answer cannot be changed once the application is submitted. Selection is based on students' performance in answering the question. Only students who can demonstrate motivation and the knowledge of railway operations and engineering in the screening question can be enrolled in the programme

◆ Medium of Instruction

Cantonese with English Handouts