



Career Onboarding for Railway Engineers (CORE) Programme

Foundation Module

9, 10 & 11 January 2017



**Inaugural
Session**



A railway professional development programme brought to you by the Singapore Rail Academy

Career Onboarding for Railway Engineers (CORE) Programme – Foundation Module

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Introduction

This programme aims at preparing professionals, managers, engineers and technicians as they begin their careers, or are considering a career, in the Public Transport (PT) – railway industry.

Induction in nature, this Foundation module provides the fundamental knowledge in the planning and design of public transport systems and the regulatory aspects of providing a safe, efficient and reliable mass rapid transit system in Singapore.

By the end of the programme the participants will:

- ❖ Appreciate the commuter-centric planning and development of the Singapore rapid transit system.
- ❖ Understand the railway asset ownership concerning the Public Transport Operators (PTO) and LTA, the regulatory and licensing frameworks.
- ❖ Understand the roles of the PTOs.
- ❖ Learn the meaning and values of their roles as they begin their career in the industry.

Target Audience

- ❖ Fresh or young graduates from the tertiary institutions or mid-career switchers from non-railway sectors who are recently hired by the public transport operators or LTA.
- ❖ Engineers, technicians and executives who are considering a career in the PT – Rail industry.

Day 1 - 9 January 2017

- ❑ Opening address by Chief Executive, LTA
- ❑ Overview of Singapore Land Transport System
- ❑ Regulations of Rapid Transit Services and Rail Licensing Framework
- ❑ Singapore’s Integrated Urban Transportation Policies and Practices
- ❑ Public Transport Council and Fare Regulation in Singapore

Day 2 – 10 January 2017

- ❑ Transit Oriented Development
- ❑ Transport Modelling and Feasibility Study
- ❑ Project Safety Review for Rail Project
- ❑ Outdoor learning:
 - (a) Land Transport Gallery (b) Land Transport Operations Centre

Day 3 – 11 January 2017

- ❑ Financing Framework for Public Transport
- ❑ Roles of Public Transport Operator
- ❑ Outdoor learning:
 - (a) Thomson East Coast Line - Orchard Station construction site

Topics

- ❑ Transit Oriented Development
- ❑ Transport Modelling and Feasibility Study
- ❑ Project Safety Review for Rail Project
- ❑ Outdoor learning:
 - (a) Land Transport Gallery (b) Land Transport Operations Centre
- ❑ Financing Framework for Public Transport
- ❑ Roles of Public Transport Operator
- ❑ Outdoor learning:
 - (a) Thomson East Coast Line - Orchard Station construction site

Administrative Information

Course Fee	S\$380 per participant (before funding)
Funding	Co-funding by LTA’s Public Transport Manpower Development Fund for employees of PTOs/LTA and by e2i for pre-employed participants may be applicable upon successful applications.
Venue	Training Room 2-T1 and 2-T2, 2 nd Floor, Block 1, Singapore Rail Academy, LTA, 71 Chai Chee Street, Singapore (468981)

Location Map Singapore Rail Academy, LTA

