Professional Railway Operation and Maintenance Principle Design

MSA — METRO SYSTEM ACADEMY

UTHM — Universiti Tun Hussein Onn Malaysia

Executive Program

COURSES OFFERED

- System Engineering in the Railway Sector
- Quality Management System
- Quality Assurance and Auditing
- Auditing - Practical
- Economic Analysis
- Principle Design - Normal Mode
- Legal Requirements - APAD
- Legal Requirements - Occupational and Safety Health Act
- Legal Requirements - Environmental Act
- System Engineering - Rolling Stock
- System Engineering - Track Network
- System Engineering - Power System
- System Engineering - Signalling & Communication

TOTAL CONTACT HOURS : 80

SCAN HERE TO REGISTER

Synopsis

This programme provides a solid foundation in the principles of railway operation, maintenance, and system design to ensure safety, reliability, and operational excellence.

Participants will explore key areas such as system engineering, quality assurance, legal compliance, and economic analysis. The programme also highlights practical auditing, safety standards, and infrastructure design principles, equipping professionals with the technical and managerial knowledge to optimise railway operations effectively.

INTAKE : FEBRUARY & SEPTEMBER

DURATION	BENEFITS
6 MONTHS (WEEKEND CLASSES)	• HRDC Claimable
8.30 AM - 5.30 PM	• Professional Certification
EVERY SATURDAY & SUNDAY	• Networking Opportunities
	• MBOT CPD Points
	• Expert Trainers
	• Meals Provided
	• Convocation

📞 +603-6150 4598 (Office)
+6016 - 205 7252 (Ts. Dr Mohd Syafiq Syazwan)
+6017-726 3250 (Mr. Amir Haziq)

✉ msa@uthm.edu.my

📍 Metro System Academy UTHM Training Centre, 47000 Sungai Buloh, Selangor, Malaysia

🌐 https://msa.uthm.edu.my

msa_uthm

MRT CORP • MBOT LEMBAGA TEKNOLOGIS MALAYSIA MALAYSIA BOARD OF TECHNOLOGY • HRD CORP REGISTERED TRAINING PROVIDER • HRD CORP CLAIMABLE

Global Technopreneur University 2030