

Skills Framework for Public Transport

Programmes that broaden or deepen specific skills and knowledge for the various job roles in the sector

Rail Engineering (Mechanical and Electrical) **Job Role:**
Engineering Head (Mechanical and Electrical)

Full Qualification Programmes	Providers
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Technical Skills and Competencies (TSC)			Modular Programmes	Providers
Category	Title	Proficiency Level		
Business Management	Budgeting	5	NICF-Finance for IT Managers	National University of Singapore
Business Management	Change Management	6	Leading Organisational Change	Singapore Institute of Management (SIM)
Business Management	Innovation Management	6	NICF-Value and Innovation of IT	NUS School of Computing
			Foundation IP Law	Singapore University Of Social Sciences
			IP Asset Management	Singapore University Of Social Sciences
			IP & Business Strategy	Singapore University Of Social Sciences
Business Management	Organisational Planning and Target Setting	5	BHB3002 Strategic Management	Singapore Institute of Technology
Business Management	Project Management	6	IP Asset Management	Singapore University Of Social Sciences
			IP & Business Strategy	Singapore University Of Social Sciences
Business Management	Strategy Planning	6	Planning Strategic Vision	ODE Consulting Pte Ltd
			NICF-Business Analytics for CIOs and Senior Managers	NUS School of Computing
Maintenance Management	Engineering Maintenance Management	6	Fundamental of Rail Engineering Systems (FRES) (For in-service professional in the Rail Sector)	Singapore Rail Academy (SGRA), Land Transport Authority
Process Improvement	Systems Engineering Thinking	6	Foundations of Systems Engineering	Singapore Institute of Technology
			Fundamental of Rail Engineering Systems (FRES) (For in-service professional in the Rail Sector)	Singapore Rail Academy (SGRA), Land Transport Authority
			Cognitive Systems Engineering	Singapore University Of Social Sciences
			IMPACT: Advanced Problem Solving and Decision Making Workshop	Capelle Academy Pte. Ltd.
			Apply Systems Thinking in Problem Solving and Decision Making	Service Quality Centre Pte. Ltd.
			Apply Systems Thinking in Problem Solving and Decision Making	Singapore National Employers Federation
			Apply Systems Thinking in Problem Solving and Decision Making	SSA Consulting Group Pte. Ltd.
Apply Systems Thinking in Problem Solving and Decision Making	Training Vision Institute Pte. Ltd.			
Technology Management	Technology Application	4	Champion and Facilitate Innovation	Capelle Academy Pte Ltd
			Innovation : Turning Ideas into Gold (Project)	Everest Innovation Pte Ltd
			WSQ Manage Innovation in the Business Function	Singapore Media Academy Pte Ltd
			Manage Innovation in the Business Function	Singapore National Employers Federation
			Patent Information & Search	Singapore University Of Social Sciences
			IP in R&D and Innovation	Singapore University Of Social Sciences
			Assessing Technology	Singapore University Of Social Sciences
			Business Driven Enterprise Architecture: Integrated Approach from Business Strategy to Implementation.	National University of Singapore
			NICF-Business Driven Enterprise Architecture: Integrated Approach from Business Strategy to Implementation	National University of Singapore
			Innovating for Organisational Success	Singapore National Employers Federation
Evaluate technologies to improve organisational performance (SD)	Singapore Institute of Retail Studies			

For Generic Skills and Competencies (GSCs) programme listing, please refer to *Section (v) (c) - View the Training Programmes for Generic Skills and Competencies (GSCs)*. To access the section, click this [link](#)