

## Skills Framework for Public Transport

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

**Rail Engineering (Rolling Stock)** Job Role:  
**Technician (Rolling Stock)**

Full Qualification Programmes	Providers
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Technical Skills and Competencies (TSC)			Modular Programmes	Providers
Category	Title	Proficiency Level		
Business Management	Data and Statistical Analytics	1	Fundamentals of Data Analytics	Nanyang Polytechnic
			Fundamentals of Data Analytics Using Excel	Nanyang Polytechnic
Business Management	Report Writing	1	WSQ Write Reports	NTUC LearningHub Pte. Ltd.
Corporate Governance and Policy	Rail Regulatory Compliance	1	WSQ Interpret Rapid Transit Operations and its Environment (North-East Line System Course) (For in-service professional; Available for public based on demand)	SBS Transit Ltd
			WSQ Interpret Rapid Transit Operations and its Environment (Downtown Line) (For in-service professional; Available for public based on demand)	SBS Transit Ltd
			Career Onboarding for Railway Engineering (CORE) Programme (For in-service professional)	Singapore Rail Academy (SGRA), Land Transport Authority
Rail Systems Maintenance	Heavy Lifting Machinery Operation	1	Forklift (Class 2 DL) Course	PSA Institute
			Automotive Engine Technology	Ngee Ann Polytechnic
			Automotive Powertrain & Chassis Technology	Ngee Ann Polytechnic
Rail Systems Maintenance	Rolling Stock Air Condition and Ventilation Systems Maintenance	1	North-East Line (NEL) - Train System Description (Rolling Stock) (For in-service professional; Available for public based on demand)	SBST Transit Ltd
			Downtown Line - Overview on Train Maintenance (For in-service professional; Available for public based on demand)	SBST Transit Ltd
Rail Systems Maintenance	Rolling Stock Auxiliary Systems Maintenance	1	North-East Line (NEL) - Train System Description (For in-service professional; Available for public based on demand)	SBST Transit Ltd
			Downtown Line - Overview on Train Maintenance (For in-service professional; Available for public based on demand)	SBST Transit Ltd
Rail Systems Maintenance	Rolling Stock Bogie Maintenance	1	North-East Line (NEL) - Train System Description (Rolling Stock) (For in-service professional; Available for public based on demand)	SBST Transit Ltd
			Downtown Line - Overview on Train Maintenance (For in-service professional; Available for public based on demand)	SBST Transit Ltd
Rail Systems Maintenance	Rolling Stock Brake Systems Maintenance	1	North-East Line (NEL) - Train System Description (Rolling Stock) (For in-service professional; Available for public based on demand)	SBST Transit Ltd
			Downtown Line - Overview on Train Maintenance (Available for in-service professional; Available for public based on demand)	SBST Transit Ltd
Rail Systems Maintenance	Rolling Stock Car Body Maintenance	1	North-East Line (NEL) - Train System Description (Rolling Stock) (Available for in-service professional; Available for public based on demand)	SBST Transit Ltd
			Downtown Line - Overview on Train Maintenance (For in-service professional; Available for public based on demand)	SBST Transit Ltd
Rail Systems Maintenance	Rolling Stock On Board Control and Communication Systems Maintenance	1	North-East Line (NEL) - Train System Description (Rolling Stock) (For in-service professional; Available for public based on demand)	SBST Transit Ltd
			Downtown Line - Overview on Train Maintenance (For in-service professional; Available for public based on demand)	SBST Transit Ltd
Rail Systems Maintenance	Rolling Stock Power Systems Maintenance	1	North-East Line (NEL) - Train System Description (Rolling Stock) (Available for in-service professional; Available for public based on demand)	SBST Transit Ltd
			Downtown Line - Overview on Train Maintenance (For in-service professional; Available for public based on demand)	SBST Transit Ltd

Rail Systems Maintenance	Rolling Stock Propulsion Systems Maintenance	1	North-East Line (NEL) - Train System Description (Rolling Stock) (For in-service professional; Available for public based on demand)	SBST Transit Ltd
			Downtown Line - Overview on Train Maintenance (For in-service professional; Available for public based on demand)	SBST Transit Ltd
Technology Management	Internet of Things Application	2	Internet-of-Things - An Overview Introduction to IoT	SMU Academy
			Enabling Technology for IoT - I	SMU Academy
Technology Management	Robotics and Automation Application	2	Artificial Intelligence (AI) e-enabled Robotic Class for Beginners	Singapore Polytechnic
Workplace Safety and Health	Workplace Facilities Safety Management	2	Comply with Workplace Safety and Health Policies & Procedures	BESPOKE SOLUTION TRAINING CONSULTANCY PTE. LTD.
			Comply with Workplace Safety and Health Policies and Procedures	U-TRAINING CENTRE PTE. LTD.
Workplace Safety and Health	Workplace Safety and Health for Confined Spaces	1	Comply with Workplace Safety and Health Policies & Procedures	BESPOKE SOLUTION TRAINING CONSULTANCY PTE. LTD.
			Confine Space Rescue Course	Singapore Safety Training Centre
			Comply with Workplace Safety and Health Policies and Procedures	U-TRAINING CENTRE PTE. LTD.
Workplace Safety and Health	Workplace Safety and Health for Fire Prevention and Fire Fighting	1	Basic Occupational Safety and Security Training (Fire Prevention and Fire Fighting)	Singapore Polytechnic
			Basic Occupational Safety and Security Training (Fire Prevention and Fire Fighting - Practical)	Singapore Polytechnic
			SSTC Fire Safety Course	Singapore Safety Training Centre

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](#)