

## Skills Framework for Public Transport

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

Rail Engineering (Signal and Communications)

**Job Role:**  
**Technician (Signal and Communications)**

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	Communication Auxiliary Systems Maintenance	1	North-East Line (NEL) - Communications Systems Overview (Communications) (For in-service professional; Available for public based on demand)	SBST Transit Ltd
			Downtown Line - Maintain Public Announcement System (For in-service professional; Available for public based on demand)	SBST Transit Ltd
Rail Systems Maintenance	Communication Backbone System Maintenance	1	North-East Line (NEL) - Communications Systems Overview (Communications) (For in-service professional; Available for public based on demand)	SBST Transit Ltd
			Downtown Line - Maintain Public Announcement System (For in-service professional; Available for public based on demand)	SBST Transit Ltd
Rail Systems Maintenance	Communication Power System Maintenance	1	North-East Line (NEL) - Communications Systems Overview (Communications) (For in-service professional; Available for public based on demand)	SBST Transit Ltd
			Downtown Line - Maintain Public Announcement System (For in-service professional; Available for public based on demand)	SBST Transit Ltd
Rail Systems Maintenance	Emergency and Security Communication Systems Maintenance	1	North-East Line (NEL) - Communications Systems Overview (Communications) (For in-service professional; Available for public based on demand)	SBST Transit Ltd
			Downtown Line - Maintain Public Announcement System (Available for in-service professional; Available for public based on demand)	SBST Transit Ltd
Rail Systems Maintenance	Network Systems Maintenance	1	North-East Line (NEL) - Understand Basic Signalling Systems (Signalling) (For in-service professional; Available for public based on demand)	SBST Transit Ltd
Rail Systems Maintenance	Network Systems Maintenance	2	NICF - Support and Maintain IT Infrastructure	Lithan Academy Pte Ltd
Rail Systems Maintenance	Radio System Maintenance	1	North-East Line (NEL) - Communications Systems Overview (Communications) (Available for in-service professional; Available for public based on demand)	SBST Transit Ltd
			Downtown Line - Maintain Public Announcement System (For in-service professional; Available for public based on demand)	SBST Transit Ltd
Rail Systems Maintenance	Signal Interlocking Systems Maintenance	1	North-East Line (NEL) - Understand Basic Signalling Systems (Signalling) (For in-service professional; Available for public based on demand)	SBST Transit Ltd
Rail Systems Maintenance	Signalling Auxiliary Device and Equipment Maintenance	1	North-East Line (NEL) - Understand Basic Signalling Systems (Signalling) (For in-service professional; Available for public based on demand)	SBST Transit Ltd
Rail Systems Maintenance	Trackside Automatic Train Control Equipment Maintenance	1	North-East Line (NEL) - Understand Basic Signalling Systems (Signalling) (For in-service professional; Available for public based on demand)	SBST Transit Ltd

Rail Systems Maintenance	Train Supervisory System Maintenance	1	North-East Line (NEL) - Understand Basic Signalling Systems (Signalling) (For in-service professional; Available for public based on demand)	SBST Transit Ltd
Rail Systems Maintenance	Trainborne Automatic Train Control Equipment Maintenance	1	North-East Line (NEL) - Understand Basic Signalling Systems (Signalling) (Available for in-service professional; Available for public based on demand)	SBST Transit Ltd
Rail Systems Maintenance	Travel Information System Maintenance	1	North-East Line (NEL) - Communications Systems Overview (Communications) (For in-service professional; Available for public based on demand)	SBST Transit Ltd
			Downtown Line - Maintain Public Announcement System (For in-service professional; Available for public based on demand)	SBST Transit Ltd
Video Surveillance System Maintenance	Video Surveillance System Maintenance	1	Downtown Line - Maintain Video Surveillance System (Communications - Classroom) (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	Work at Heights	1	Work-at-Height Course for Workers (English)	NTUC Learning Hub
			Work-at-Height Course for Workers	Singapore Safety Training Centre
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
Workplace Safety and Health	Workplace Safety and Health for Fire Prevention and Fire Fighting	1	Comply with Workplace Safety and Health Policies and Procedures	U-TRAINING CENTRE PTE. LTD.
			Basic Occupational Safety and Security Training (Fire Prevention and Fire Fighting)	Singapore Polytechnic
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 - 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](#)