

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:
Senior 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	2	Fundamentals of Data Analytics Using Excel	Nanyang Polytechnic
			QC Analytics	Ngee Ann Polytechnic
			QA and Documentation	Ngee Ann Polytechnic
			Validation	Ngee Ann Polytechnic
			MC4: System Thinking and Method	Temasek Polytechnic
Business Management	Report Writing	1	WSQ Write Reports	NTUC LearningHub Pte. Ltd.
Corporate Governance and Policy	Rail Regulatory Compliance	2	Career Onboarding for Railway Engineering (CORE) Programme (For in-service professional)	Singapore Rail Academy (SGRA), Land Transport Authority
People Management	Learning and Development	2	Provide On-the-Job Training	BESPOKE SOLUTION TRAINING CONSULTANCY PTE. LTD.
			Provide on-the-job training	CENTER FOR COMPETENCY-BASED LEARNING AND DEVELOPMENT PTE. LTD.
			Provide On The Job Training	FOCUS LEARNING CENTRE PTE. LTD.
			Provide on-the-job training	FOCUS TRAINING PTE. LTD.
			Provide On-the-Job Training	INTEGRATED TRAINING CONSULTANTS PTE. LTD.
			WSQ Provide On-the-Job Training	NTUC LEARNINGHUB PTE. LTD.
			PROVIDE ON-THE-JOB TRAINING	TRAINING MASTERS WORKFORCE INSTITUTE PTE LTD
PROVIDE ON-THE-JOB TRAINING	U-TRAINING CENTRE PTE. LTD.			
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 (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) (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) (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 Culture Development	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](#)