

## Skills Framework for Public Transport

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

Bus Fleet Engineering (Bus Workshop)

**Job Role:**  
Senior Technical Specialist

Full Qualification Programmes	Providers
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Technical Skills and Competencies (TSC)			Modular Programmes	Providers
Category	Title	Proficiency Level		
Automotive Maintenance	Bus Air-Conditioning Systems Maintenance	3	Automotive Electric & Sensor Technology	Ngee Ann Polytechnic
Automotive Maintenance	Bus Body Work Maintenance	2	Automotive Electric & Sensor Technology Automotive Powertrain & Chassis Technology	Ngee Ann Polytechnic Ngee Ann Polytechnic
Automotive Maintenance	Bus Brake Systems Maintenance	3	Automotive Powertrain & Chassis Technology	Ngee Ann Polytechnic
Automotive Maintenance	Bus Drivetrain Systems Maintenance	3	Automotive Powertrain & Chassis Technology	Ngee Ann Polytechnic
Automotive Maintenance	Bus Electrical and Electronic Systems Maintenance	3	Automotive Electric & Sensor Technology	Ngee Ann Polytechnic
Automotive Maintenance	Bus Steering and Suspension Systems Maintenance	3	Automotive Powertrain & Chassis Technology	Ngee Ann Polytechnic
Business Management	Data and Statistical Analytics	3	NICF - Business Intelligence Project	Lithan Academy Pte Ltd
			Text Mining & Analytics	Nanyang Polytechnic
			Data Analytics in the Workplace	Nanyang Polytechnic
			NICF - Business Intelligence Analytics	National University of Singapore
			NICF - Querying Data with Transact-SQL	NTUC Learning Hub Pte Ltd
			Data Visualisation for Business	Singapore University Of Social Sciences
			Fundamentals of Data Mining	Singapore University Of Social Sciences
			Association and Clustering	Singapore University Of Social Sciences
			Predictive Modelling	Singapore University Of Social Sciences
			Business Analytics Applications	Singapore University Of Social Sciences
Business Forecasting	Singapore University Of Social Sciences			
Business Management	Innovation Management	3	Contribute to Innovation Innovation : Turning Ideas into Gold (Project)	Capelle Academy Pte Ltd Everest Innovation Pte Ltd
Business Management	Report Writing	2	WSQ Write Reports	NTUC LearningHub Pte. Ltd.
Process Improvement	Continuous Improvement Management	3	Quality Assurance & Quality Control	Ngee Ann Polytechnic
			Masterclass in Effective Resource Management (For in-service professional)	Singapore Bus Academy (SGBA), Land Transport Authority
			MC1: Process & Service Improvement	Temasek Polytechnic
			MC4: Systems Thinking & Methods	Temasek Polytechnic
			MC5: Organisational Management	Temasek Polytechnic
Supply Chain Management	Inventory Management	3	Manage Inventory	INTEGRATED TRAINING CONSULTANTS PTE. LTD.
			Manage Inventory	INTEGRATED TRAINING CONSULTANTS PTE. LTD.
			Manage Inventory	ST ELECTRONICS (E-SERVICES) PTE. LTD.
			Manage Inventory	TRAINING MASTERS WORKFORCE INSTITUTE PTE LTD
			Manage Inventory	U-TRAINING CENTRE PTE. LTD.
Technology Management	Internet of Things Application	3	Sensors Systems Design for IoT	Institute of System Science (ISS), NUS
			Introduction to GIS and its Applications	Nanyang Polytechnic
			Enabling Technology for IoT - II	SMU Academy
			Building an Internet-of-Things Project	PACE Academy, Singapore Polytechnic
Technology Management	Robotics and Automation Application	3	Basic Microcontroller Programming (AMS SBMCs)	Ngee Ann Polytechnic
			Communication and Vision Systems (AMS SBMCs)	Ngee Ann Polytechnic
			Computer Programming (AMS SBMCs)	Ngee Ann Polytechnic
			Industrial Automation (AMS SBMCs)	Ngee Ann Polytechnic
			Industrial Drive Systems (AMS SBMCs)	Ngee Ann Polytechnic
			Microcontroller Interfacing and Applications (AMS SBMCs)	Ngee Ann Polytechnic
			Unmanned Systems (AMS SBMCs)	Ngee Ann Polytechnic
			Embedded Control Systems: Theory and Practice	Singapore Institute of Technology
			Introduction To Robotics Fundamentals	Singapore Institute of Technology
Robot Operating System: An Introduction	Singapore Institute of Technology			
Workplace Safety and Health	Work at Heights	3	Managing Work-at-Height	NTUC Learning Hub
			Managing Work-at-Height	Singapore Safety Training Centre
Workplace Safety and Health	Workplace Facilities Safety Management	3	Supervise Workplace Safety and Health Practices	AVANTA GLOBAL PTE. LTD.
			Modular Certificate in Workplace Safety and Health Management	Institute of Technical Education
			Supervise Workplace Safety and Health Practices	INTEGRATED TRAINING CONSULTANTS PTE. LTD.
Workplace Safety and Health	Workplace Safety and Health Culture Development	3	Supervise Workplace Safety and Health Practices	AVANTA GLOBAL PTE. LTD.
			Modular Certificate in Workplace Safety and Health Management	Institute of Technical Education
			Supervise Workplace Safety and Health Practices	INTEGRATED TRAINING CONSULTANTS PTE. LTD.

Workplace Safety and Health	Workplace Safety and Health for Fire Prevention and Fire Fighting	2	Fire Fighter Course 1	Civil Defence Academy
			Advanced Fire Fighting	Singapore Polytechnic
			Advanced Fire Fighting - Practical	Singapore Polytechnic

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](#)