

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 Engineering)

Job Role: Engineering Manager				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Full Qualification Programmes</th> <th style="width: 50%;">Providers</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> </tbody> </table>	Full Qualification Programmes	Providers	-	-
Full Qualification Programmes	Providers			
-	-			

Technical Skills and Competencies (TSC)			Modular Programmes	Providers
Category	Title	Proficiency Level		
Automotive Maintenance	Bus Air-Conditioning Systems Maintenance	4	Automotive Electric & Sensor Technology	Ngee Ann Polytechnic
Automotive Maintenance	Bus Brake Systems Maintenance	4	Automotive Powertrain & Chassis Technology	Ngee Ann Polytechnic
			Automotive Powertrain & Chassis Technology	Ngee Ann Polytechnic
			SGNDT (ISO 9712) Level II for Magnetic Particle Testing	Singapore Institute of Technology
			SGNDT (ISO 9712) Level II for Penetrant Testing	Singapore Institute of Technology
			SGNDT (ISO 9712) Level II for Ultrasonic Testing	Singapore Institute of Technology
Automotive Maintenance	Bus Drivetrain Systems Maintenance	4	Automotive Powertrain & Chassis Technology	Ngee Ann Polytechnic
			SGNDT (ISO 9712) Level II for Magnetic Particle Testing	Singapore Institute of Technology
			SGNDT (ISO 9712) Level II for Penetrant Testing	Singapore Institute of Technology
			SGNDT (ISO 9712) Level II for Ultrasonic Testing	Singapore Institute of Technology
Automotive Maintenance	Bus Electrical and Electronic Systems Maintenance	4	Automotive Electric & Sensor Technology	Ngee Ann Polytechnic
Automotive Maintenance	Bus Engine System Maintenance	4	SGNDT (ISO 9712) Level II for Magnetic Particle Testing	Singapore Institute of Technology
			SGNDT (ISO 9712) Level II for Penetrant Testing	Singapore Institute of Technology
			SGNDT (ISO 9712) Level II for Ultrasonic Testing	Singapore Institute of Technology
Automotive Maintenance	Bus Steering and Suspension Systems Maintenance	4	Automotive Powertrain & Chassis Technology	Ngee Ann Polytechnic
			SGNDT (ISO 9712) Level II for Magnetic Particle Testing	Singapore Institute of Technology
			SGNDT (ISO 9712) Level II for Penetrant Testing	Singapore Institute of Technology
			SGNDT (ISO 9712) Level II for Ultrasonic Testing	Singapore Institute of Technology
Business Management	Budgeting	4	Financial Management Skills for Non-Accountants	Nanyang Polytechnic
			Manage Budgeting and Forecasting Processes for the Business Unit	Singapore National Employers' Federation
			Manage Budgeting and Forecasting Processes for the Business Unit	Singapore National Employers' Federation
Business Management	Change Management	5	Leading Organisational Change	Singapore Institute of Management (SIM)
Business Management	Data and Statistical Analytics	5	NICF - Statistics Bootcamp Using R and Tableau	Institute of Systems Science, NUS
			NICF - Data Analytics	Lithan Academy Pte Ltd
			NICF-Business Analytics for CIOs and Senior Managers	NUS School of Computing
			NICF - Business Intelligence Analytics	National University of Singapore
Business Management	Innovation Management	5	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
Business Management	Project Management	5	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
Maintenance Management	Condition-based Assets Monitoring Management	4	Intermediate Requirements Engineering	Singapore Institute of Technology
Maintenance Management	Engineering Maintenance Management	4	Facility Management Using ARCHIBUS Asset Building Operations Management	Singapore Institute of Technology
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	Robotics and Automation	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

Management	Application		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
Technology Management	Technology Application	2	Emerging Products in Automotive Industry	Singapore Institute of Technology
Workplace Safety and Health	Workplace Facilities Safety Management	4	Risk Assessment and Management	Singapore University Of Social Sciences
			Modular Certificate in Workplace Safety and Health Management	Institute of Technical Education
			Safety Management and Audit	Singapore University Of Social Sciences
Workplace Safety and Health	Workplace Safety and Health for Incident and Accident Investigation	4	Accident and Incident Investigation	Singapore University Of Social Sciences

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