

Skills Framework for Public Transport

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

Rail Engineering (Engineering Train) Job Role:
Principal Engineer/Engineering Manager (Engineering Train)

| Full Qualification Programmes | Providers |
|-------------------------------|-----------|
| - | - |

| Technical Skills and Competencies (TSC) | | | Modular Programmes | Providers |
|---|---|-------------------|--|---|
| Category | Title | Proficiency Level | | |
| 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 |
| 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 |
| Business Management | Project Management | 5 | Evaluate technologies to improve organisational performance (SD) | Singapore Institute of Retail Studies |
| | | | Patent Information & Search | Singapore University Of Social Sciences |
| | | | IP in R&D and Innovation | Singapore University Of Social Sciences |
| Maintenance Management | Condition-based Assets Monitoring Management | 4 | Assessing Technology | Singapore University Of Social Sciences |
| Maintenance Management | Engineering Maintenance Management | 4 | Intermediate Requirements Engineering | Singapore Institute of Technology |
| Process Improvement | Systems Engineering Thinking | 5 | Facility Management Using ARCHIBUS Asset Building Operations Management | Singapore Institute of Technology |
| Process Improvement | Continuous Improvement Management | 5 | Fundamental of Rail Engineering Systems (FRES) (For in-service professional in the Rail Sector) | Singapore Rail Academy (SGRA), Land Transport Authority |
| | | | MC4: Systems Thinking & Methods | Temasek Polytechnic |
| Stakeholders and Customer Manage | Stakeholder Management | 4 | MCS: Organisational Management | Temasek Polytechnic |
| Technology Management | Internet of Things Application | 4 | BHB2802 Career & Professional Development II | Singapore Institute of Technology |
| Technology Management | Technology Application | 3 | Enabling Technology for IoT - III | SMU Academy |
| | | | Contribute to Innovation | Capelle Academy Pte Ltd |
| Workplace Safety and Health | Workplace Facilities Safety Management | 4 | Innovation : Turning Ideas into Gold (Project) | Everest Innovation Pte Ltd |
| | | | Risk Assessment and Management | Singapore University Of Social Sciences |
| | | | Modular Certificate in Workplace Safety and Health Management | Institute of Technical Education |
| Workplace Safety and Health | Workplace Safety and Health for Incident and Accident Investigation | 4 | Safety Management and Audit | Singapore University Of Social Sciences |
| | | | Accident and Incident Investigation | Singapore University Of Social Sciences |

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](#)