

## Skills Framework for Public Transport

Programmes that equip new entrants with skills and knowledge for the specific job role in the sector at their respective entry level

### Rail Engineering (Rolling Stock)

Job Role	Programme	Provider
Senior Engineer/Engineer (Rolling Stock)	Sustainable Infrastructure Engineering (Land), MEngTech and BEng (Hons)	Singapore Institute of Technology
	Diploma in Mechantronics Engineering	Nanyang Polytechnic
Senior Assistant Engineer/Assistant Engineer (Rolling Stock)	Diploma in Robotics and Mechantronics	Nanyang Polytechnic
	Diploma in Mechantronics and Robotics	Singapore Polytechnic
Senior Technician (Rolling Stock)	Higher NITEC in Rapid Transit Engineering	Institute of Technical Education
Technician (Rolling Stock)	NITEC in Rapid Transit Technology	Institute of Technical Education

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### Rail Engineering (Engineering Train)

Job Role	Programme	Provider
Senior Engineer/Engineer (Engineering Train)	Sustainable Infrastructure Engineering (Land), MEngTech and BEng (Hons)	Singapore Institute of Technology
Senior Assistant Engineer/Assistant Engineer (Engineering Train)	Diploma in Engineering Systems and Management	Republic Polytechnic
	Diploma in Mechantronics and Robotics	Singapore Polytechnic
Technician (Engineering Train)	NITEC in Rapid Transit Technology	Institute of Technical Education

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### Rail Engineering (Permanent Way and Civil Structure)

Job Role	Programme	Provider
Senior Engineer/Engineer (Rolling Stock)	Sustainable Infrastructure Engineering (Land), MEngTech and BEng (Hons)	Singapore Institute of Technology
Senior Assistant Engineer/Assistant Engineer (Permanent Way and Civil Structure)	Diploma in Electrical Engineering with Eco-Design	Nanyang Polytechnic
	Diploma in Engineering Systems and Management	Republic Polytechnic
Senior Technician (Permanent Way and Civil Structure)	Higher NITEC in Rapid Transit Engineering	Institute of Technical Education
Technician (Permanent Way and Civil Structure)	NITEC in Rapid Transit Technology	Institute of Technical Education

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### Rail Engineering (Power)

Job Role	Programme	Provider
Senior Assistant Engineer/Assistant Engineer (Power)	Diploma in Electrical Engineering with Eco Deign	Nanyang Polytechnic
	Diploma in Electrical Engineering	Ngee Ann Polytechnic
	Specialist Diploma in Electrical Design & Operation	Ngee Ann Polytechnic
	Diploma in Engineering Systems and Management	Republic Polytechnic
	Diploma in Electrical and Electronic Engineering	Singapore Polytechnic
	Diploma in Clean Energy	Temasek Polytechnic
Senior Technician (Power)	Diploma in Electronics	Temasek Polytechnic
Senior Technician (Power)	Higher NITEC in Rapid Transit Engineering	Institute of Technical Education
Technician (Power)	NITEC in Rapid Transit Technology	Institute of Technical Education

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### Rail Engineering (Mechanical and Electrical)

Job Role	Programme	Provider
Senior Engineer/Engineer (Mechanical and Electrical)	Sustainable Infrastructure Engineering (Land), MEngTech and BEng (Hons)	Singapore Institute of Technology
	Sustainable Infrastructure Engineering (Building Services), MEngTech and BEng (Hons)	Singapore Institute of Technology
	Diploma in Electrical Engineering with Eco-Design	Nanyang Polytechnic
	Diploma in Engineering with Business	Nanyang Polytechnic
	Diploma in Mechatronics Engineering	Nanyang Polytechnic
	Diploma in Robotics & Mechatronics	Nanyang Polytechnic
Senior Assistant Engineer/Assistant Engineer (Mechanical and Electrical)	Diploma in Electrical and Electronic Engineering	Republic Polytechnic
	Diploma in Engineering Systems and Management	Republic Polytechnic
	Diploma in Electrical and Electronic Engineering	Singapore Polytechnic
	Diploma in Mechanical Engineering	Singapore Polytechnic
	Diploma in Mechatronics & Robotics	Singapore Polytechnic
Senior Technician (Mechanical and Electrical)	Higher NITEC in Rapid Transit Engineering	Institute of Technical Education
Technician (Mechanical and Electrical)	NITEC in Rapid Transit Technology	Institute of Technical Education

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### Rail Engineering (Signal and Communications)

Job Role	Programme	Provider
Senior Engineer/Engineer (Signal and Communications)	Sustainable Infrastructure Engineering (Land), MEngTech and BEng (Hons)	Singapore Institute of Technology
	Diploma in Electronic Systems	Nanyang Polytechnic
	Diploma in Electronics, Computer & Communications Engineering	Nanyang Polytechnic
Senior Assistant Engineer/Assistant Engineer (Signal and Communications)	Diploma in Engineering Systems and Management	Republic Polytechnic
	Diploma in Electrical and Electronic Engineering	Singapore Polytechnic
	Diploma in Electronics	Temasek Polytechnic
Senior Technician (Signal and Communications)	Higher NITEC in Rapid Transit Engineering	Institute of Technical Education
Technician (Signal and Communications)		

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### Rail Engineering (Automatic Fare Collection)

Job Role	Programme	Provider
Senior Engineer/Engineer (Automatic Fare Collection)	Sustainable Infrastructure Engineering (Land), MEngTech and BEng (Hons)	Singapore Institute of Technology
	Diploma in Engineering Systems and Management	Republic Polytechnic
	Diploma in Mechanical Engineering	Singapore Polytechnic
Senior Assistant Engineer/Assistant Engineer (Automatic Fare Collection)	Diploma in Mechatronics & Robotics	Singapore Polytechnic
	Diploma in Electronics	Temasek Polytechnic
	Diploma in Mechatronics	Temasek Polytechnic