

Skills Framework for Precision Engineering

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

Technical and Engineering

Job Role:
Automation Coordinator/Robot Coordinator

Full Qualification Programme	Provider
Bachelor of Engineering (Mechanical Engineering) - Part-time	Nanyang Technological University
Graduate Certificate in Precision and Advanced Manufacturing	
Specialist Certificate in Manufacturing Engineering	
Specialist Certificate in Robotics Software	
Specialist Diploma in Robotics and Automation	Temasek Polytechnic

Technical Skills and Competencies (TSC)			Modular Programmes	Providers
Category	Title	Proficiency Level		
Automation Management	Automated System Design	Level 2	WSQ Implement Programming of a Programmable Logic Controller WSQ Programming a Programmable Logic Controller (PLC)	FESTO Private Limited
Manufacturing and Operations	Production Line Set-Up	Level 2	WSQ Design Electric Drives and Electromechanical Systems	FESTO Private Limited
Productivity and Innovation	Continuous Process Improvement	Level 2	WSQ - Apply Continuous Process Improvement Techniques - SF	SIA Engineering Training Centre
	Innovation Management	Level 3	Business Management and Diploma Core Unit (Bundled)	William Angliss Institute Pte. Ltd.
			Contribute to Innovation	Capella Academy Pte. Ltd.
			Innovation : Turning Ideas into Gold (Project)	Everest Innovation Pte. Ltd.
Quality Management	Failure Analysis	Level 3	WSQ Apply Failure Modes and Effects Analysis Techniques	SQR Pte. Ltd.
Quality Management	Quality System Management	Level 3	Supervise Quality Procedures	Flexi Industrial Safety Training Pte. Ltd.
			Supervise Quality Procedures	Mass Education Institute Pte. Ltd.
			Supervise Quality Procedures	Service Quality Centre Pte. Ltd.
			Supervise Quality Procedures	Singapore Institute of Materials Management
			Supervise Quality Procedures	SMF Centre for Corporate Learning Pte. Ltd.
			Supervise Quality Procedures	Textile And Fashion Industry Training Centre Pte Ltd
			Supervise Quality Procedures	Training Vision Institute Pte. Ltd.
			Supervise Quality Procedures (CPI Manager)	SMF Centre for Corporate Learning Pte. Ltd.
			Supervise Quality Procedures (In-company)	SSA Consulting Group Pte. Ltd.
			Supervise Quality Procedures (SC/SAP)	Air Transport Training College Pte Ltd.
			Supervise Quality Procedures (SC/SAP)	Electronics Industries Training Centre
			Supervise Quality Procedures (SC/SAP)	NTUC LearningHub Pte. Ltd.
			Supervise Quality Procedures (SC/SAP)	Singapore Manufacturing Federation
			Supervise Quality Procedures (SC/SAP)	Singapore National Employers Federation
			Supervise Quality Procedures (SC/SAP)	Singapore Polytechnic
			Supervise Quality Procedures (SC/SAP)	SSA Consulting Group Pte. Ltd.
			Supervise Quality Procedures (SC/SAP)	Yokogawa Engineering Asia Pte. Ltd.
Supervise Quality Procedures (SC/SAP) -	Institute of Process Industry (IPI) - A Division of ASPRI			
Supervise Quality Procedures.	Singapore Technologies Marine Ltd.			

		WSQ Apply Continuous Process Improvement Techniques	Singapore Polytechnic
		WSQ Supervise Quality Procedures	SIA Engineering Training Centre
		WSQ Supervise Quality Procedures	Tat Hong Training Services Pte. Ltd.

For Generic Skills and Competencies (GSCs) programme listing, please refer to *Section (v) (c) - View the Training Programmes for GSCs*. Or click this [link](#) to view the GSCs Programme Listing.