

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:
Chief Engineer

Full Qualification Programme	Provider
WSQ Specialist Diploma in Precision Engineering (Additive Manufacturing)	Nanyang Polytechnic

Technical Skills and Competencies (TSC)			Modular Programmes	Providers
Category	Title	Proficiency Level		
Automation Management	Automated System Design	Level 5	WSQ Apply Industrial Robots and Automation (SF)	Singapore Institute of Manufacturing Technology
	Automation Process Control	Level 6	WSQ Apply Robotics for Manufacturing Automation	Singapore Institute of Manufacturing Technology
Big Data Analytics	Data Synthesis	Level 6	WSQ Implement Manufacturing Data Mining Techniques (SF)	Singapore Institute of Manufacturing Technology
Business and Organisational Management	Business Innovation	Level 5	NICF - Design Thinking in Service Systems - Conception	Institute of Systems Science, National University of Singapore
			NICF - AIIM Business Process Management Master (BPMC)	
			NICF - Business Agility Bootcamp	
			NICF - ITIL® Continual Service Improvement Certificate	
			NICF - Service Innovation for IT	
			NICF - Strategic Business Analysis	
			NICF - Value and Innovation of IT	National University of Singapore, School of Computing
Manufacturing and Operations	Production Line Set-Up	Level 6	WSQ Automation Components and Systems for Advanced Manufacturing	Singapore Institute of Manufacturing Technology

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.