

Skills Framework for Precision Engineering

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

Technical and Engineering

Job Role	Programmes	Providers
Product Engineer/Product Designer	Bachelor of Engineering (Mechanical Engineering)	Nanyang Technological University
	Master of Science (Manufacturing Systems and Engineering)	Nanyang Technological University
	Master of Science (Mechanical Engineering)	Nanyang Technological University
	Master of Science (Smart Product Design)	Nanyang Technological University
Engineer	Master of Science (Systems and Project Management)	Nanyang Technological University
Assistant Engineer/Associate Engineer	Bachelor of Engineering in Mechanical Design and Manufacturing Engineering (Hons.)	Singapore Institute of Technology
Process Specialist/Shift Leader/Team Leader	Diploma in Aeronautical and Aerospace Technology	Nanyang Polytechnic
Robot Coordinator	Diploma in Digital and Precision Engineering	Nanyang Polytechnic
Senior Machinist/Senior Technician	Diploma in Mechatronics Engineering	Nanyang Polytechnic
Machinist/Technician	Diploma in Automation and Mechatronic Systems	Ngee Ann Polytechnic
	Diploma in Mechanical Engineering	Ngee Ann Polytechnic
	Diploma in Mechanical Engineering	Singapore Polytechnic

Diploma in Mechatronics	Temasek Polytechnic
Higher Nitec in Engineering with Business	Institute of Technical Education
Higher Nitec in Mechanical Engineering	Institute of Technical Education
Higher Nitec in Mechatronics Engineering	Institute of Technical Education
Higher Nitec in Precision Engineering	Institute of Technical Education
Higher Nitec in Robotics and Smart Systems	Institute of Technical Education
Nitec in Aerospace Machining Technology	Institute of Technical Education
Nitec in Digital and Precision Engineering	Institute of Technical Education
Nitec in Mechanical Technology	Institute of Technical Education
Nitec in Mechatronics and Robotics	Institute of Technical Education
Technical Diploma in Machine Technology	Institute of Technical Education