

**Skills Framework for Aerospace**  
**Programmes that broaden or deepen specific skills and knowledge**  
**for the various occupations in the sector**

**Aircraft  
Maintenance**

Occupation:  
**Cat A Certifying Technician**

Full Qualification Programme	Provider
Diploma in Engineering (Aerospace Manufacturing)	NANYANG POLYTECHNIC
Diploma in Engineering (Aerospace) Diploma in Engineering (Mechatronics)	NGEE ANN POLYTECHNIC
Diploma in Engineering (Mechanical Technology) Diploma in Engineering (Mechanical - Rapid Transit Technology) WSQ Diploma in Precision Engineering -Mechatronics & Robotics Track (DMRO) WSQ Diploma in Precision Engineering - Machinery & System Track (M&S)	SINGAPORE POLYTECHNIC

Skill Category	Modular Programme	Provider
<b>Technical and Engineering Fundamentals</b>	Apply Principles of Electrical Fundamentals (Basic)	SIA ENGINEERING COMPANY LIMITED
	Apply Principles of Digital Techniques (Basic)	SIA ENGINEERING COMPANY LIMITED
	Select Aerospace Materials and Hardware (Basic)	SIA ENGINEERING COMPANY LIMITED
	Perform Aerospace Maintenance Practices (Basic)	SIA ENGINEERING COMPANY LIMITED
	Apply Principles of Basic Aerodynamics (Basic)	SIA ENGINEERING COMPANY LIMITED
	Apply Human Factors Principles	SIA ENGINEERING COMPANY LIMITED AIR TRANSPORT TRAINING COLLEGE PTE LTD
	Apply Principles of Turbine Aeroplane Aerodynamics, Structures and Systems (Basic)	SIA ENGINEERING COMPANY LIMITED
	Apply Principles of Gas Turbine Engine (Basic)	SIA ENGINEERING COMPANY LIMITED
<b>Maintenance</b>	Maintain Aeroplane Propeller (Basic)	SIA ENGINEERING COMPANY LIMITED AIR TRANSPORT TRAINING COLLEGE PTE LTD
	Perform Aircraft General Maintenance	TEMASEK POLYTECHNIC SINGAPORE POLYTECHNIC SIA ENGINEERING COMPANY LIMITED
<b>Operations Production</b>	Use Hand Tools	NTUC LEARNINGHUB PTE. LTD.
		ST ELECTRONICS (E-SERVICES) PTE. LTD.
		ELECTRONICS INDUSTRIES TRAINING CENTRE
		SINGAPORE NATIONAL EMPLOYERS FEDERATION
		SMF CENTRE FOR CORPORATE LEARNING PTE. LTD.
		SSA CONSULTING GROUP PTE. LTD.
		AIR TRANSPORT TRAINING COLLEGE PTE LTD
		TEMASEK POLYTECHNIC
		SINGAPORE MANUFACTURING FEDERATION
		INSTITUTE OF TECHNICAL EDUCATION
SIA ENGINEERING COMPANY LIMITED		
	Perform Basic Safety Practices and Documentation	TEMASEK POLYTECHNIC
		SINGAPORE POLYTECHNIC
		MIL-COM AEROSPACE PTE LTD
		AVIATIONLEARN PTE. LTD.
		SIA ENGINEERING COMPANY LIMITED

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<p style="text-align: center;"><b>Workplace Safety and Health</b></p>	<p style="text-align: center;">Supervise Workplace Safety and Health Practices</p>	<p>AIR TRANSPORT TRAINING COLLEGE PTE LTD</p> <p>MASS EDUCATION INSTITUTE PTE. LTD.</p> <p>PETROFAC TRAINING INSTITUTE PTE. LTD.</p> <p>INTEGRATED TRAINING CONSULTANTS PTE. LTD.</p> <p>SINGAPORE INSTITUTE OF MATERIALS MANAGEMENT</p> <p>SP TRAINING AND CONSULTANCY COMPANY PTE. LTD.</p> <p>SMF CENTRE FOR CORPORATE LEARNING PTE. LTD.</p> <p>DAIKIN AIRCONDITIONING (SINGAPORE) PTE. LTD.</p> <p>TEMASEK POLYTECHNIC</p> <p>AIR TRANSPORT TRAINING COLLEGE PTE LTD</p> <p>ELECTRONICS INDUSTRIES TRAINING CENTRE</p> <p>NTUC LEARNINGHUB PTE. LTD.</p> <p>SINGAPORE MANUFACTURING FEDERATION</p> <p>SINGAPORE POLYTECHNIC</p> <p>SSA CONSULTING GROUP PTE. LTD.</p> <p>YOKOGAWA ENGINEERING ASIA PTE LTD</p> <p>INSTITUTE OF PROCESS INDUSTRY (IPI) - A DIVISION OF ASPRI</p> <p>FLEXI INDUSTRIAL SAFETY TRAINING PTE. LTD.</p> <p>SINGAPORE TECHNOLOGIES MARINE LTD</p> <p>TAT HONG TRAINING SERVICES PTE LTD</p> <p>SIA ENGINEERING COMPANY LIMITED</p> <p>SP GLOBAL SOLUTIONS PTE. LTD.</p>
	<p style="text-align: center;"><b>Quality</b></p>	<p style="text-align: center;">Apply Quality Systems</p>

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		PSA CORPORATION LIMITED
		YOKOGAWA ENGINEERING ASIA PTE LTD
		SSA CONSULTING GROUP PTE. LTD.
		NTUC LEARNINGHUB PTE. LTD.
		SINGAPORE MANUFACTURING FEDERATION
		INSTITUTE OF PROCESS INDUSTRY (IPI) - A DIVISION OF ASPRI
		SP CONSULTING (INTERNATIONAL) PTE LTD
		KAPLAN PROFESSIONAL
		SIA ENGINEERING COMPANY LIMITED
		SFIC INSTITUTE PTE. LTD.
	Apply LEAN Thinking in the Workplace	NEVILLE-CLARKE (SINGAPORE) PTE LIMITED
		TAT HONG TRAINING SERVICES PTE LTD
		SIA ENGINEERING COMPANY LIMITED
	Apply Basic Lean Techniques In The Workplace	NEVILLE-CLARKE (SINGAPORE) PTE LIMITED
		TAT HONG TRAINING SERVICES PTE LTD
		SIA ENGINEERING COMPANY LIMITED
	Supervise Work Improvement Processes	SINGAPORE POLYTECHNIC
		KAPLAN PROFESSIONAL
		FLEXI INDUSTRIAL SAFETY TRAINING PTE. LTD.
		SERVICE QUALITY CENTRE PTE. LTD.
		SINGAPORE INSTITUTE OF MATERIALS MANAGEMENT
		SINGAPORE MANUFACTURING FEDERATION
		SMF CENTRE FOR CORPORATE LEARNING PTE. LTD.
		TEXTILE AND FASHION INDUSTRY TRAINING CENTRE PTE LTD
		TRAINING VISION INSTITUTE PTE. LTD.
		PETROFAC TRAINING INSTITUTE PTE. LTD.
		SINGAPORE TECHNOLOGIES MARINE LTD
		SSA CONSULTING GROUP PTE. LTD.
		SP TRAINING AND CONSULTANCY COMPANY PTE. LTD.
		AIR TRANSPORT TRAINING COLLEGE PTE LTD
		ELECTRONICS INDUSTRIES TRAINING CENTRE
		SINGAPORE NATIONAL EMPLOYERS FEDERATION
		YOKOGAWA ENGINEERING ASIA PTE LTD
		INSTITUTE OF PROCESS INDUSTRY (IPI) - A DIVISION OF ASPRI
		NTUC LEARNINGHUB PTE. LTD.
		LIGHTHOUSE GLOBAL TRAINING AND CONSULTANCY PTE. LTD.
	SIA ENGINEERING COMPANY LIMITED	
	TAT HONG TRAINING SERVICES PTE LTD	
	SP GLOBAL SOLUTIONS PTE. LTD.	
	Display Critical Thinking and Analytical Skills	KAPLAN PROFESSIONAL
		CAPELLE ACADEMY PTE. LTD.
		INSTITUTE OF SINGAPORE CHARTERED ACCOUNTANTS
		SINGAPORE NATIONAL EMPLOYERS FEDERATION
<b>Productivity and Innovation</b>		
<b>Planning and Implementation</b>		

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		AUSTON INSTITUTE OF MANAGEMENT PTE. LTD.
<b>Human Resource</b>	Facilitate Workplace Learning	INSTITUTE FOR ADULT LEARNING (IAL)
	Assess Competence	INSTITUTE FOR ADULT LEARNING (IAL)
		CENTER FOR COMPETENCY-BASED LEARNING AND DEVELOPMENT PTE. LTD.
		SINGAPORE TRAINING & DEVELOPMENT ASSOCIATION (STADA)
		SIGMA SOLUTIONS HRD CONSULTANTS PTE. LTD.
<b>People Management and Development</b>	Apply Emotional Competence to Manage Self and Team at the Workplace	MENDAKI SOCIAL ENTERPRISE NETWORK SINGAPORE PTE. LTD.
		SERVICE QUALITY CENTRE PTE. LTD.
		SSA CONSULTING GROUP PTE. LTD.
		TRAINING VISION INSTITUTE PTE. LTD.
		KAPLAN PROFESSIONAL
		EAGLE INFOTECH CONSULTANTS PTE LTD
	Develop Personal Effectiveness at Supervisory Level	IMAGE INSTITUTE OF LEARNING AND DEVELOPMENT PTE. LTD.
		IMAGE INTERNATIONAL (S) PTE. LTD.
		MENDAKI SOCIAL ENTERPRISE NETWORK SINGAPORE PTE. LTD.
		NANYANG POLYTECHNIC
		SERVICE QUALITY CENTRE PTE. LTD.
		SINGAPORE NATIONAL EMPLOYERS FEDERATION
		SSA CONSULTING GROUP PTE. LTD.
		TRAINING VISION INSTITUTE PTE. LTD.
		TRILLION TRAINING (S) PTE LTD
		KAPLAN PROFESSIONAL
INTEGRATED LEARNING SYSTEMS PTE LTD		
CIVIL SERVICE COLLEGE		
CAPELLE ACADEMY PTE. LTD.		
EAGLE INFOTECH CONSULTANTS PTE LTD		
	Facilitate Effective Communication and Engagement at the Workplace	BUILDING AND CONSTRUCTION AUTHORITY
		GREENSAFE INTERNATIONAL PTE. LTD.
		SINGAPORE INSTITUTION OF SAFETY OFFICERS (SISO) THE
		NTUC LEARNINGHUB PTE. LTD.
		SINGAPORE POLYTECHNIC
		IMAGE INSTITUTE OF LEARNING AND DEVELOPMENT PTE. LTD.
		KAPLAN PROFESSIONAL
		INTEGRATED LEARNING SYSTEMS PTE LTD
		CIVIL SERVICE COLLEGE
		CAMBRIAN ACADEMY PTE. LTD.
		PSB CORPORATION PTE LTD
		AVANTA GLOBAL PTE. LTD.
		COMAT TRAINING SERVICES PTE LTD
		LIGHTHOUSE GLOBAL TRAINING AND CONSULTANCY PTE. LTD.

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<b>People and Relationship Management</b>		MENDAKI SOCIAL ENTERPRISE NETWORK SINGAPORE PTE. LTD. NANYANG POLYTECHNIC Ngee Ann Polytechnic SERVICE QUALITY CENTRE PTE. LTD. SINGAPORE NATIONAL EMPLOYERS FEDERATION SSA CONSULTING GROUP PTE. LTD. ST ELECTRONICS (E-SERVICES) PTE. LTD. TRAINING VISION INSTITUTE PTE. LTD. TRILLION TRAINING (S) PTE LTD CAPELLE ACADEMY PTE. LTD. EAGLE INFOTECH CONSULTANTS PTE LTD
	Facilitate Effective Work Teams	BUILDING AND CONSTRUCTION AUTHORITY KAPLAN PROFESSIONAL IMAGE INSTITUTE OF LEARNING AND DEVELOPMENT PTE. LTD. MENDAKI SOCIAL ENTERPRISE NETWORK SINGAPORE PTE. LTD. SERVICE QUALITY CENTRE PTE. LTD. SSA CONSULTING GROUP PTE. LTD. TRAINING VISION INSTITUTE PTE. LTD. TRILLION TRAINING (S) PTE LTD CAMBRIAN ACADEMY PTE. LTD. EAGLE INFOTECH CONSULTANTS PTE LTD
<b>Analytical, Conceptual and Evaluative</b>	Solve Problems and Make Decisions at Supervisory Level	GREENSAFE INTERNATIONAL PTE. LTD. SINGAPORE INSTITUTION OF SAFETY OFFICERS (SISO) THE NTUC LEARNINGHUB PTE. LTD. SINGAPORE POLYTECHNIC MENDAKI SOCIAL ENTERPRISE NETWORK SINGAPORE PTE. LTD. EVEREST INNOVATION PTE. LTD. KAPLAN PROFESSIONAL CIVIL SERVICE COLLEGE INTEGRATED LEARNING SYSTEMS PTE LTD AVANTA GLOBAL PTE. LTD. CAPELLE ACADEMY PTE. LTD. COMAT TRAINING SERVICES PTE LTD NANYANG POLYTECHNIC PHARMACEUTICAL SOCIETY OF SINGAPORE SERVICE QUALITY CENTRE PTE. LTD. SINGAPORE NATIONAL EMPLOYERS FEDERATION ST ELECTRONICS (E-SERVICES) PTE. LTD. TRAINING VISION INSTITUTE PTE. LTD. TRILLION TRAINING (S) PTE LTD U-TRAINING CENTRE PTE. LTD. LIGHTHOUSE GLOBAL TRAINING AND CONSULTANCY PTE. LTD.

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CBM PTE. LTD.
SSA CONSULTING GROUP PTE. LTD.
EAGLE INFOTECH CONSULTANTS PTE LTD