

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

**Aircraft  
Engine /  
Component  
Maintenance**

**Occupation:**  
**Repair Engineer / Process Engineer**

Full Qualification Programme	Provider
Diploma in Engineering (Aerospace Manufacturing) Diploma in Engineering (Mechatronic)	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) Dip in Engineering (Control & Automation) Dip in Engineering (Power Engineering) Dip in Power System Engineering	SINGAPORE POLYTECHNIC
Diploma in Engineering (Aerospace)	TEMASEK POLYTECHNIC

Skill Category	Modular Programme	Provider
<b>Technical and Engineering Fundamentals</b>	Apply Principles of Electrical Fundamentals (Advanced)	SIA ENGINEERING COMPANY LIMITED
	Select Aerospace Materials and Hardware (Advanced)	SIA ENGINEERING COMPANY LIMITED
	Perform Aerospace Maintenance Practices (Advanced)	SIA ENGINEERING COMPANY LIMITED
<b>Workplace Safety and Health</b>	Supervise Workplace Safety and Health Practices	MASS EDUCATION INSTITUTE PTE. LTD.
		PETROFAC TRAINING INSTITUTE PTE. LTD.
		INTEGRATED TRAINING CONSULTANTS PTE. LTD.
		SINGAPORE INSTITUTE OF MATERIALS MANAGEMENT
		SP TRAINING AND CONSULTANCY COMPANY PTE. LTD.
		SMF CENTRE FOR CORPORATE LEARNING PTE. LTD.
		DAIKIN AIRCONDITIONING (SINGAPORE) PTE. LTD.
		TEMASEK POLYTECHNIC
		AIR TRANSPORT TRAINING COLLEGE PTE LTD
		ELECTRONICS INDUSTRIES TRAINING CENTRE
		NTUC LEARNINGHUB PTE. LTD.
		SINGAPORE MANUFACTURING FEDERATION
		SINGAPORE POLYTECHNIC
		SSA CONSULTING GROUP PTE. LTD.
		YOKOGAWA ENGINEERING ASIA PTE LTD
		INSTITUTE OF PROCESS INDUSTRY (IPI) - A DIVISION OF ASPRI
		FLEXI INDUSTRIAL SAFETY TRAINING PTE. LTD.
		SINGAPORE TECHNOLOGIES MARINE LTD
		TAT HONG TRAINING SERVICES PTE LTD
SIA ENGINEERING COMPANY LIMITED		
SP GLOBAL SOLUTIONS PTE. LTD.		
	Implement Lean Six Sigma	LEARNERS HUB PTE. LTD.
		NEVILLE-CLARKE (SINGAPORE) PTE LIMITED
		SERVICE QUALITY CENTRE PTE. LTD.
		SMF CENTRE FOR CORPORATE LEARNING PTE. LTD.
		TRAINING VISION INSTITUTE PTE. LTD.
		SSA CONSULTING GROUP PTE. LTD.
		SINGAPORE NATIONAL EMPLOYERS FEDERATION
		SINGAPORE MANUFACTURING FEDERATION
		KAPLAN PROFESSIONAL
		EVEREST INNOVATION PTE. LTD.
	Manage Productivity Improvement to Achieve Business Objectives	SMF CENTRE FOR CORPORATE LEARNING PTE. LTD.
		ASCENDO CONSULTING PTE. LTD.
		SMF CENTRE FOR CORPORATE LEARNING PTE. LTD.

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Occupation: <b>Repair Engineer / Process Engineer</b>					
<b>Aircraft Engine /</b>					
<b>Productivity and Innovation</b>	<table border="1"> <tr> <td style="vertical-align: top;">Apply Failure Mode Effect and Analysis (FMEA)</td> <td> LEARNERS HUB PTE. LTD.  NEVILLE-CLARKE (SINGAPORE) PTE LIMITED  NTUC LEARNINGHUB PTE. LTD. </td> </tr> <tr> <td style="vertical-align: top;">Supervise Work Improvement Processes</td> <td> 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. </td> </tr> </table>	Apply Failure Mode Effect and Analysis (FMEA)	LEARNERS HUB PTE. LTD. NEVILLE-CLARKE (SINGAPORE) PTE LIMITED NTUC LEARNINGHUB PTE. LTD.	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.
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<b>Project Management</b>	<table border="1"> <tr> <td style="vertical-align: top;">Apply Project Management Skills</td> <td> INSTITUTE OF PROCESS INDUSTRY (IPI) - A DIVISION OF ASPRI  LEARNERS HUB PTE. LTD.  SINGAPORE MANUFACTURING FEDERATION  SMF CENTRE FOR CORPORATE LEARNING PTE. LTD.  SUPPLY CHAIN &amp; LOGISTICS ACADEMY PTE. LTD.  SINGAPORE INSTITUTE OF MATERIALS MANAGEMENT  SUPPLY CHAIN ASIA COMMUNITY LTD.  NTUC LEARNINGHUB PTE. LTD.  ELECTRONICS INDUSTRIES TRAINING CENTRE  PUBLIC UTILITIES BOARD  TEMASEK POLYTECHNIC  SINGAPORE NATIONAL EMPLOYERS FEDERATION </td> </tr> </table>	Apply Project Management Skills	INSTITUTE OF PROCESS INDUSTRY (IPI) - A DIVISION OF ASPRI LEARNERS HUB PTE. LTD. SINGAPORE MANUFACTURING FEDERATION SMF CENTRE FOR CORPORATE LEARNING PTE. LTD. SUPPLY CHAIN & LOGISTICS ACADEMY PTE. LTD. SINGAPORE INSTITUTE OF MATERIALS MANAGEMENT SUPPLY CHAIN ASIA COMMUNITY LTD. NTUC LEARNINGHUB PTE. LTD. ELECTRONICS INDUSTRIES TRAINING CENTRE PUBLIC UTILITIES BOARD TEMASEK POLYTECHNIC SINGAPORE NATIONAL EMPLOYERS FEDERATION		
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<b>Planning and Implementation</b>	<table border="1"> <tr> <td style="vertical-align: top;">Display Critical Thinking and Analytical Skills</td> <td> KAPLAN PROFESSIONAL  CAPELLE ACADEMY PTE. LTD.  INSTITUTE OF SINGAPORE CHARTERED ACCOUNTANTS  SINGAPORE NATIONAL EMPLOYERS FEDERATION  AUSTON INSTITUTE OF MANAGEMENT PTE. LTD. </td> </tr> </table>	Display Critical Thinking and Analytical Skills	KAPLAN PROFESSIONAL CAPELLE ACADEMY PTE. LTD. INSTITUTE OF SINGAPORE CHARTERED ACCOUNTANTS SINGAPORE NATIONAL EMPLOYERS FEDERATION AUSTON INSTITUTE OF MANAGEMENT PTE. LTD.		
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<b>Leadership</b>	<table border="1"> <tr> <td style="vertical-align: top;">Lead Teams Leaders to Develop Business Strategies and</td> <td> SINGAPORE INSTITUTE OF MANAGEMENT (SIM)  SINGAPORE NATIONAL EMPLOYERS FEDERATION  LOYAL RELIANCE PTE. LTD.  CAPELLE ACADEMY PTE. LTD.  COLD STORAGE SINGAPORE (1983) PTE LTD  MENDAKI SOCIAL ENTERPRISE NETWORK SINGAPORE PTE. LTD.  PACE O.D. CONSULTING PTE. LTD.  SINGAPORE CHINESE CHAMBER INSTITUTE OF BUSINESS  PACE O.D. ACADEMY PTE. LTD. </td> </tr> </table>	Lead Teams Leaders to Develop Business Strategies and	SINGAPORE INSTITUTE OF MANAGEMENT (SIM) SINGAPORE NATIONAL EMPLOYERS FEDERATION LOYAL RELIANCE PTE. LTD. CAPELLE ACADEMY PTE. LTD. COLD STORAGE SINGAPORE (1983) PTE LTD MENDAKI SOCIAL ENTERPRISE NETWORK SINGAPORE PTE. LTD. PACE O.D. CONSULTING PTE. LTD. SINGAPORE CHINESE CHAMBER INSTITUTE OF BUSINESS PACE O.D. ACADEMY PTE. LTD.		
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	Governance Management	<a href="#">TRAINING MASTERS WORKFORCE INSTITUTE PTE LTD</a> <a href="#">SERAPHCORP INSTITUTE PTE. LTD.</a> <a href="#">ONG TENG CHEONG LABOUR LEADERSHIP INSTITUTE</a> <a href="#">KAPLAN PROFESSIONAL</a> <a href="#">TRAINING VISION INSTITUTE PTE. LTD.</a> <a href="#">IMAGE INSTITUTE OF LEARNING AND DEVELOPMENT PTE. LTD.</a> <a href="#">SDC CONSULTING</a> <a href="#">TOURISM MANAGEMENT INSTITUTE OF SINGAPORE PTE LTD</a> <a href="#">NTUC LEARNINGHUB PTE. LTD.</a>			
	Appraise/Evaluate Staff	<a href="#">WILLIAM ANGLISS INSTITUTE PTE. LTD.</a> <a href="#">IFI ACADEMY PTE. LTD.</a> <a href="#">TEMASEK POLYTECHNIC</a> <a href="#">ASIAN CULINARY INSTITUTE OF SINGAPORE</a> <a href="#">SINGAPORE SPA INSTITUTE PTE. LTD.</a> <a href="#">SHATEC INSTITUTES PTE. LTD.</a>			
		Develop On-the-job Training Programme	<a href="#">INSTITUTE FOR ADULT LEARNING (IAL)</a>		
		Develop and Review Competency-based Assessment	<a href="#">INSTITUTE FOR ADULT LEARNING (IAL)</a> <a href="#">SINGAPORE POLYTECHNIC</a>		
			Assess Competence	<a href="#">INSTITUTE FOR ADULT LEARNING (IAL)</a> <a href="#">CENTER FOR COMPETENCY-BASED LEARNING AND DEVELOPMENT PTE. LTD.</a> <a href="#">SINGAPORE TRAINING &amp; DEVELOPMENT ASSOCIATION (STADA)</a> <a href="#">SIGMA SOLUTIONS HRD CONSULTANTS PTE. LTD.</a>	
		Develop Personal Effectiveness at Managerial Level		<a href="#">SERVICE QUALITY CENTRE PTE. LTD.</a> <a href="#">SINGAPORE NATIONAL EMPLOYERS FEDERATION</a> <a href="#">SSA CONSULTING GROUP PTE. LTD.</a> <a href="#">TRAINING VISION INSTITUTE PTE. LTD.</a> <a href="#">KAPLAN PROFESSIONAL</a> <a href="#">SINGAPORE INSTITUTE OF MANAGEMENT (SIM)</a> <a href="#">CAPELLE ACADEMY PTE. LTD.</a>	
				Manage Workplace Challenges with Resilience	<a href="#">KAPLAN PROFESSIONAL</a> <a href="#">SSA CONSULTING GROUP PTE. LTD</a> <a href="#">TRAINING VISION INSTITUTE PTE. LTD.</a> <a href="#">SERVICE QUALITY CENTRE PTE. LTD.</a> <a href="#">ROHEI CORPORATION PTE. LTD.</a>
	Lead Workplace Communication and Engagement		<a href="#">IMAGE INSTITUTE OF LEARNING AND DEVELOPMENT PTE. LTD.</a> <a href="#">SINGAPORE INSTITUTE OF MANAGEMENT (SIM)</a> <a href="#">KAPLAN PROFESSIONAL</a> <a href="#">TRAINING VISION INSTITUTE PTE. LTD.</a> <a href="#">EBEN CONSULTANTS (FAR EAST) PTE LTD</a> <a href="#">INSTITUTE OF SINGAPORE CHARTERED ACCOUNTANTS</a> <a href="#">SERVICE QUALITY CENTRE PTE. LTD.</a> <a href="#">SINGAPORE NATIONAL EMPLOYERS FEDERATION</a> <a href="#">SSA CONSULTING GROUP PTE. LTD.</a> <a href="#">NTUC LEARNINGHUB PTE. LTD.</a> <a href="#">CAPELLE ACADEMY PTE. LTD.</a> <a href="#">SINGAPORE POLYTECHNIC</a> <a href="#">THE SINGAPORE CONTRACTORS ASSOCIATION LIMITED</a> <a href="#">SINGAPORE INSTITUTION OF SAFETY OFFICERS (SISO)</a> <a href="#">BUILDING AND CONSTRUCTION AUTHORITY</a>		
			Develop a Work Team		<a href="#">ROHEI CORPORATION PTE. LTD.</a> <a href="#">SSA CONSULTING GROUP PTE. LTD.</a> <a href="#">TRAINING VISION INSTITUTE PTE. LTD.</a> <a href="#">SERVICE QUALITY CENTRE PTE. LTD.</a> <a href="#">SINGAPORE NATIONAL EMPLOYERS FEDERATION</a>

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KAPLAN PROFESSIONAL
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CAPELLE ACADEMY PTE. LTD.
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