

# Skills Framework for Aerospace

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

## Aircraft Maintenance

Occupation:  
**Licensed Aircraft Maintenance Engineer - B2 (Avionics)**

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

| Skill Category                                | Modular Programme                                      | Provider  |
|---|--|---|
| <b>Technical and Engineering Fundamentals</b> | Apply Human Factors Principles                         | SIA ENGINEERING COMPANY LIMITED<br>AIR TRANSPORT TRAINING COLLEGE PTE LTD |
|   | 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.                 |  |   |
|   |  | LEARNERS HUB PTE. LTD.  |
|   |  | NEVILLE-CLARKE (SINGAPORE) PTE LIMITED                                    |
|   |  | SERVICE QUALITY CENTRE PTE. LTD.  |

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|   |  |  |
|---|--|--|
| <b>Productivity and Innovation</b>                        | Implement Lean Six Sigma   | SMF CENTRE FOR CORPORATE LEARNING PTE. LTD.<br>TRAINING VISION INSTITUTE PTE. LTD.<br>SSA CONSULTING GROUP PTE. LTD.<br>SINGAPORE NATIONAL EMPLOYERS FEDERATION<br>SINGAPORE MANUFACTURING FEDERATION<br>KAPLAN PROFESSIONAL<br>EVEREST INNOVATION PTE. LTD. |
|   | Manage Productivity Improvement to Achieve Business Objectives   | SMF CENTRE FOR CORPORATE LEARNING PTE. LTD.<br>ASCENDO CONSULTING PTE. LTD.  |
|   | Apply Failure Mode Effect and Analysis (FMEA)  | SMF CENTRE FOR CORPORATE LEARNING PTE. LTD.<br>LEARNERS HUB PTE. LTD.<br>NEVILLE-CLARKE (SINGAPORE) PTE LIMITED<br>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.                             |  |  |
|   | INSTITUTE OF PROCESS INDUSTRY (IPI) - A DIVISION OF ASPRI<br>LEARNERS HUB PTE. LTD.<br>SINGAPORE MANUFACTURING FEDERATION<br>SMF CENTRE FOR CORPORATE LEARNING PTE. LTD.<br>SUPPLY CHAIN & LOGISTICS ACADEMY PTE. LTD. |  |

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**Aircraft  
Maintenance  
Project  
Management**

Apply Project Management Skills

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

**Planning and  
Implementation**

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.

**Leadership**

Lead Teams Leaders to Develop Business Strategies and Governance Management

SINGAPORE UNIVERSITY OF SOCIAL SCIENCES  
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.  
TRAINING MASTERS WORKFORCE INSTITUTE PTE LTD  
SERAPHCORP INSTITUTE PTE. LTD.  
ONG TENG CHEONG LABOUR LEADERSHIP INSTITUTE  
KAPLAN PROFESSIONAL  
TRAINING VISION INSTITUTE PTE. LTD.  
IMAGE INSTITUTE OF LEARNING AND DEVELOPMENT PTE. LTD.  
SDC CONSULTING  
TOURISM MANAGEMENT INSTITUTE OF SINGAPORE PTE LTD  
NTUC LEARNINGHUB PTE. LTD.

**Human Resource**

Appraise/Evaluate Staff

WILLIAM ANGLISS INSTITUTE PTE. LTD.  
IFI ACADEMY PTE. LTD.  
TEMASEK POLYTECHNIC  
ASIAN CULINARY INSTITUTE OF SINGAPORE  
SINGAPORE SPA INSTITUTE PTE. LTD.  
SHATEC INSTITUTES PTE. LTD.

Develop On-the-job Training Programme

INSTITUTE FOR ADULT LEARNING (IAL)

Develop and Review Competency-based Assessment

INSTITUTE FOR ADULT LEARNING (IAL)  
SINGAPORE POLYTECHNIC

Assess Competence

INSTITUTE FOR ADULT LEARNING (IAL)  
CENTER FOR COMPETENCY-BASED LEARNING AND DEVELOPMENT PTE. LTD.

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|   |   |   |
|---|---|---|
|   | Assess Competence                                   | SINGAPORE TRAINING & DEVELOPMENT ASSOCIATION (STADA)<br>SIGMA SOLUTIONS HRD CONSULTANTS PTE. LTD.   |
|   | Manage Workplace Challenges with Resilience         | KAPLAN PROFESSIONAL<br>SSA CONSULTING GROUP PTE. LTD<br>TRAINING VISION INSTITUTE PTE. LTD.<br>SERVICE QUALITY CENTRE PTE. LTD.<br>ROHEI CORPORATION PTE. LTD.  |
| <b>People Management and Development</b>  | Develop Personal Effectiveness at Supervisory Level | IMAGE INSTITUTE OF LEARNING AND DEVELOPMENT PTE. LTD.<br>IMAGE INTERNATIONAL (S) PTE. LTD.<br>MENDAKI SOCIAL ENTERPRISE NETWORK SINGAPORE PTE. LTD.<br>NANYANG POLYTECHNIC<br>SERVICE QUALITY CENTRE PTE. LTD.<br>SINGAPORE NATIONAL EMPLOYERS FEDERATION<br>SSA CONSULTING GROUP PTE. LTD.<br>TRAINING VISION INSTITUTE PTE. LTD.<br>TRILLION TRAINING (S) PTE LTD<br>KAPLAN PROFESSIONAL<br>INTEGRATED LEARNING SYSTEMS PTE LTD<br>CIVIL SERVICE COLLEGE<br>CAPELLE ACADEMY PTE. LTD.<br>EAGLE INFOTECH CONSULTANTS PTE LTD   |
|   | Lead Workplace Communication and Engagement         | IMAGE INSTITUTE OF LEARNING AND DEVELOPMENT PTE. LTD.<br>SINGAPORE UNIVERSITY OF SOCIAL SCIENCES<br>KAPLAN PROFESSIONAL<br>TRAINING VISION INSTITUTE PTE. LTD.<br>EBEN CONSULTANTS (FAR EAST) PTE LTD<br>INSTITUTE OF SINGAPORE CHARTERED ACCOUNTANTS<br>SERVICE QUALITY CENTRE PTE. LTD.<br>SINGAPORE NATIONAL EMPLOYERS FEDERATION<br>SSA CONSULTING GROUP PTE. LTD.<br>NTUC LEARNINGHUB PTE. LTD.<br>CAPELLE ACADEMY PTE. LTD.<br>SINGAPORE POLYTECHNIC<br>THE SINGAPORE CONTRACTORS ASSOCIATION LIMITED<br>SINGAPORE INSTITUTION OF SAFETY OFFICERS (SISO)<br>BUILDING AND CONSTRUCTION AUTHORITY |
| <b>People and Relationship Management</b> | Develop a Work Team                                 | ROHEI CORPORATION PTE. LTD.<br>SSA CONSULTING GROUP PTE. LTD.<br>TRAINING VISION INSTITUTE PTE. LTD.<br>SERVICE QUALITY CENTRE PTE. LTD.<br>SINGAPORE NATIONAL EMPLOYERS FEDERATION<br>SINGAPORE UNIVERSITY OF SOCIAL SCIENCES  |

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| KAPLAN PROFESSIONAL |
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| CAPELLE ACADEMY PTE. LTD. |
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