

## คุณวุฒิวิชาชีพ

สาขาวิชาชีพการบิน สาขางานเทคนิคและฝึกรบม Aircraft Mechanics : Airplanes ช่างอากาศยาน (เครื่องบิน) ระดับ 4

### คุณลักษณะของผลการเรียนรู้ (Characteristics of Outcomes)

A person with specialize skill and technique who is capable working as an aircraft mechanic. The one can handle much more complicated tasks by applying theory, basic knowledge, and necessary tools by his own experiences.

#### Characteristics of Outcomes

Capable of inspecting, testing, and analyzing all minor and major component of the aircraft through a technical manual.

### การเลื่อนระดับคุณวุฒิวิชาชีพ (Qualification Pathways)

1. The minimum age for person who wants to qualify this level is 18 years old.
2. Legitimizes one of the following:
  - 2.1 Holds a minimum Vocational Certificate or equivalence, and at least six years working experiences in aircraft maintenance with an official verification letter.
  - 2.2 Holds a High Vocational Certificate, completed in aircraft maintenance course and at least two years working experiences in aircraft maintenance with an official verification letter.
  - 2.3 Holds a High Vocational Certificate or equivalence, and at least four years working experiences in aircraft maintenance with an official verification letter.
  - 2.4 Holds a Bachelor's Degree, completed in aircraft maintenance course or equivalence and at least two years working experiences in aircraft maintenance with an official verification letter.
  - 2.5 Holds a Bachelor's Degree or equivalence, and at least three years working experiences in aircraft maintenance with an official verification letter.
  - 2.6 Holds a Professional Qualification Certificate level 3, and at least two years experiences in aircraft maintenance with an official verification letter.

### กลุ่มบุคคลในอาชีพ (Target Group)

Aircraft Mechanics: Airplanes

### หมายเหตุ

N/A

### หน่วยสมรรถนะ (หน่วยสมรรถนะทั้งหมดของคุณวุฒิวิชาชีพนี้)

|        |               |  |
|--------|---------------|--|
| 101401 | AVT-BQVI-219A | Use computers in aviation maintenance-related integrated logistic support.             |
| 101402 | AVT-RXAC-220A | Inspect, test and troubleshoot aircraft pressurization control systems and components. |
| 101403 | AVT-BWVP-221A | Minor repair for aircraft electrical hardware or parts.                                |

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|--------|---------------|---|
| 101404 | AVT-RGDH-222A | Inspect, test and troubleshoot aircraft hydro-mechanical and landing gear.                |
| 101405 | AVT-FUUK-223A | Inspect, test and troubleshoot aircraft pneumatic systems and components.                 |
| 101406 | AVT-XBKI-224A | Inspect, test and troubleshoot aircraft fixed wing flight control systems and components. |
| 101408 | AVT-SICX-226A | Inspect, test and troubleshoot propeller systems and components.                          |
| 101409 | AVT-HDVJ-227A | Inspect aircraft hydro-mechanical, mechanical, gaseous and landing gear.                  |
| 101411 | AVT-RWBI-229A | Test and troubleshoot aircraft hydro-mechanical, gaseous and landing gear.                |
| 101412 | AVT-VLDM-230A | Test and troubleshoot aircraft fixed wing flight control systems and components.          |
| 103302 | AVT-LJXM-251A | Remove and install advanced aircraft electrical system components.                        |
| 103402 | AVT-MBCN-259A | Inspect aircraft electrical systems and components.                                       |
| 103401 | AVT-DTSB-258A | Inspect, test and troubleshoot basic aircraft electrical systems and components.          |
| 101415 | AVT-BKFL-233A | Maintain aircraft vapour cycle air conditioning systems.                                  |
| 101407 | AVT-YLVQ-225A | Inspect, test and troubleshoot piston engine systems and components.                      |
| 101414 | AVT-ODJI-232A | Repair and/or overhaul aircraft piston engine crankcase assembly components.              |
| 101410 | AVT-YASY-228A | Inspect gas turbine engine systems and components.  |
| 101413 | AVT-MYHO-231A | Test and troubleshoot gas turbine engine systems and components.                          |

**องค์กรรับรอง ที่สามารถเข้ารับการประเมินสมรรถนะบุคคล**