

คุณวุฒิวิชาชีพ

สาขาวิชาชีพการบิน สาขางานเทคนิคและฝึกอบรม อาชีพช่างซ่อมเครื่องบินปีกแข็ง (Aircraft Mechanic :Airplanes (Piston),(Gas Turbine)) ชั้น 3

คุณลักษณะของผลการเรียนรู้ (Characteristics of Outcomes)

A person with specialize skill and technique who is capable working as an aircraft mechanic. The one can handle all routine tasks by applying theory, basic knowledge, and necessary tools under his/her supervisors.

Capable of removing and installing all minor component of the aircraft strictly following a technical manual. However, all conducted task has to be taken under supervision by supervisors.

การเลื่อนระดับคุณวุฒิวิชาชีพ (Qualification Pathways)

The qualify person has to demonstrate his/her ability through all designated unit of competences. The total unit of competence for this level is **21** units.

กลุ่มบุคคลในอาชีพ (Target Group)

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 Vocational Certificate or equivalence.
 - 2.2 At least **one** year experience in aviation industry with an official verification

letter.

หมายเหตุ

N/A

หน่วยสมรรถนะ (หน่วยสมรรถนะทั้งหมดของคุณวุฒิวิชาชีพนี้)

101309	AVT-FTN-3-020ZA	Remove and install miscellaneous aircraft electrical hardware/components
101303	AVT-FTN-3-014ZA	Interpret and use aviation maintenance industry manuals and specifications.
101304	AVT-FTN-3-015ZA	Complete aviation maintenance industry documentation.
101301	AVT-FTN-3-012ZA	Interpret work health and safety practices in aviation maintenance.
101302	AVT-FTN-3-013ZA	Apply quality standards applicable to aviation maintenance.
101308	AVT-FTN-3-019ZA	Apply mathematics and physics in aviation maintenance.
101305	AVT-FTN-3-016ZA	Perform basic hand skills, standard trade practices and fundamentals in aviation.
101307	AVT-FTN-3-018ZA	Communicate aviation technical and maintenance management knowledge.

101306	AVT-FTN-3-017ZA	Conduct self in the aviation maintenance environment.
101310	AVT-FTN-3-021ZA	Remove and install aircraft pressurization control system components.
101311	AVT-FTN-3-022ZA	Use electrical test equipment.
101312	AVT-FTN-3-023ZA	Perform aircraft flight servicing.
101313	AVT-FTN-3-024ZA	Remove and install aircraft hydro-mechanical and landing gear system.
101314	AVT-FTN-3-025ZA	Remove and install aircraft pneumatic system components.
101315	AVT-FTN-3-026ZA	Remove and install non-pressurized aircraft structural and non-structural components.
101316	AVT-FTN-3-027ZA	Remove and install aircraft fixed wing flight control system components.
101317	AVT-FTN-3-028ZA	Remove and install engines and engine system components.
101318	AVT-FTN-3-029ZA	Maintain airframe systems of basic light fixed wing aircraft.
101319	AVT-FTN-3-030ZA	Maintain basic light aircraft engines and propellers.
101320	AVT-FTN-3-031ZA	Inspect and maintain structures and related components of non-pressurized small aircraft.
101321	AVT-FTN-3-032ZA	Participate in environmentally sustainable work practices.

องค์กรรับรอง ที่สามารถเข้ารับการประเมินสมรรถนะบุคคล