**Aviation**

Aviation is an exciting career choice with lots of possibilities including pilot, aeronautical engineer, flight attendant, air traffic controller, check-in agent, cargo handling supervisor, airport operation staff and more.

Te Kura can offer students the opportunity to study Aviation by ordering unit standards through Service IQ.

The Level 1 and Level 2 unit standards are recommended for students who are new to Aviation. Students can enrol into two units at a time. The work is paper-based, and students will be required to hand-write their answers in blue or black pen (no pencil).

The Level 3\* unit standards are open to students who have prior knowledge of Aviation, including those who are studying towards their *Private Pilot Licence (PPL)*. Students will be enrolled into one unit at a time. The work is online, and students may be required to attend webinars/additional training sessions.

\*All Level 3 unit standards require students to sit an exam in order to gain the credits.

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| **LEVEL 1 Aviation Unit Standards 2023** |
| **Unit Standard** | **Description** | **NCEA Level** | **Credits** |
| 16818 | Demonstrate knowledge of aviation industry law, systems and procedures | 1 | 1 |

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| **LEVEL 2 Aviation Unit Standards 2023** |
| **Unit Standard** | **Description** | **NCEA Level** | **Credits** |
| 19585 | Describe the development of aviation from pre World War 1 through to current times | 2 | 8 |
| 19586 | Identify aviation support structures, aircraft types and operations in New Zealand | 2 | 3 |
| 19587 | Demonstrate knowledge of internal structures in the civil aviation industry in New Zealand | 2 | 3 |
| 20676 *(Assessment Only)* | Demonstrate knowledge of aviation career and training options | 2 | 3 |
| 20677 | Demonstrate knowledge of the principles of aircraft flight | 2 | 2 |

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| **LEVEL 3 Aviation Unit Standards 2023** |
| **Unit Standard** | **Name** | **Description** | **NCEA Level** | **Credits** |
| 23425\*\* | Human Factors*(Physiology and Cognitive Processes*) | Demonstrate knowledge of human factors for private aircraft operations | 3 | 5 |
| 23426\*\* | Meteorology*(Atmospheric fundamentals and practical application)* | Demonstrate knowledge of air navigation and flight planning for private aircraft operations | 3 | 5 |
| 23427\*\* | Aircraft Technical Knowledge*(Engineering focus)* | Demonstrate knowledge of air law for private aircraft operations | 3 | 5 |
| 23424\*\*\* | Flight RadioTelephone Operator | Demonstrate knowledge and use of flight radiotelephony for aircraft operations | 3 | 3 |
| 23428\*\*\* | Aviation Law | Demonstrate knowledge of meteorology for private aircraft operations | 3 | 5 |
| 23431\*\*\* | Flight Navigation | Demonstrate aircraft technical knowledge and principles of flight for private aircraft operations | 3 | 10 |

\*\* Recommended for students with a general interest in Aviation.

\*\*\* Recommended for students who wish to become a Pilot.

If you have any questions or you would like to enrol, please contact **Lisa Usoali’i-Jansen,** Secondary / Tertiary Advisor via email Lisa.Usoalii-Jansen@tekura.school.nz