

## 41168 Apply an emerging or unfamiliar technology to a task or workflow

<b>Kaupae   Level</b>	3
<b>Whiwhinga   Credit</b>	5
<b>Whāinga   Purpose</b>	<p>This skill standard is intended for people who wish to apply an emerging or unfamiliar technology to a particular task or workflow.</p> <p>Learners who have completed the standard will be able to successfully self-manage the integration of a selected technology into a particular task or workflow, as well as developing an awareness of its benefits and risks.</p> <p>The standard is intended for any personal or employment-based context.</p>

### Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

<b>Hua o te ako   Learning outcomes</b>	<b>Paearu aromatawai   Assessment criteria</b>
1. Apply an emerging or unfamiliar technology to a task or workflow.	a. Document the reasons for using a new technology against the requirements for a task or workflow.
	b. Self-manage integration of the selected technology with the task or workflow.
	c. Reflect on specific benefits and risks of the new technology to the task or workflow.

### Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

#### *Assessment specifications:*

Learners must provide a technology application report detailing the rationale, integration, and reflection on the chosen technology, along with evidence of its implementation which may include practical outputs and/or documentation of the applied process.

Emerging and unfamiliar technologies may include digital tools, platforms, or systems that have potential applications in personal or employment contexts, such as creative and/or technical workflows. Specific examples include Augmented Reality, Virtual Reality, Projection Mapping, Generative Artificial Intelligence workflows using two or more platforms, and 3D scanners.

#### **Ngā momo whiwhinga | Grades available**

Achieved

**Ihirangi waitohu | Indicative content**

- Strategies for evaluating technology and its suitability for specific tasks and workflows.
- Techniques for documenting and communicating technology use and outcomes.
- Approaches to identifying and managing risks associated with technology adoption.
- Available resources to assist learners to independently explore and implement unfamiliar and emerging technologies into existing tasks and workflows, including:
  - Advanced online learning platforms with a focus on project-based learning.
  - Technology documentation and guides for integration and implementation.
  - Community forums and user groups.
  - Open source software repositories.
  - Local makerspaces or technology hubs.
  - Peer learning networks and mentorship opportunities that focus on applied technology use.
- Legal and ethical considerations when implementing technology (e.g. privacy, copyright, and acceptable use responsibilities).

**Rauemi | Resources**

Legislation relevant to the assessment of the standard may include:

- [Copyright Act \(1994\)](#).
- [Privacy Act \(2020\)](#).
- [Harmful Digital Communications Act \(2015\)](#).
- [Health and Safety at Work Act \(2015\)](#).

**Pārongo Whakaū Kounga | Quality assurance information**

<b>Ngā rōpū whakatau-paerewa  </b> Standard Setting Body	Electrotechnology and Information Technology Industry Skills Board
<b>Whakaritenga Rārangi Paetae Aromatawai  </b> DASS classification	Computing and Information Technology > Computing > Generic Computing
<b>Ko te tohutoro ki ngā Whakaritenga i te</b> <b>Whakamanatanga me te Whakaōritenga  </b> CMR	0099

<b>Hātepe   Process</b>	<b>Putanga   Version</b>	<b>Rā whakaputa   Review Date</b>	<b>Rā whakamutunga mō te aromatawai   Last date for assessment</b>
<b>Rēhitatanga   Registration</b>	1	30 April 2026	N/A
<b>Kōrero whakakapinga   Replacement information</b>	N/A		
<b>Rā arotake   Planned review date</b>	31 December 2030		

Please contact Electrotechnology and Information Technology Industry Skill Board at [qualifications@etitcisb.nz](mailto:qualifications@etitcisb.nz) to suggest changes to the content of this skill standard.