

## 40040 Install, configure, and manage a computer system for an organisation

<b>Kaupae   Level</b>	5
<b>Whiwhinga   Credit</b>	15
<b>Whāinga   Purpose</b>	<p>This skill standard is for people who want to learn about computer systems in organisational contexts.</p> <p>It contributes to a broad understanding of core concepts and practical skills in Information Technology (IT) and is for those employed or seeking employment in technical support roles such as computer technicians and help desk and technical support officers.</p> <p>It can be used in programmes leading to the New Zealand Diploma in Information Technology Technical Support (Level 5) [Ref: 2596].</p>

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

Hua o te ako   Learning outcomes	Paearu aromatawai   Assessment criteria
1. Analyse and assemble a computer system to meet the needs of an organisation.	a. Analyse components of a computer system in accordance with organisational needs.
	b. Select components and assemble a computer system in accordance with organisational needs.
2. Install, configure, and manage hardware, software and networking systems to meet organisational requirements.	a. Disassemble and reassemble a computer from component parts.
	b. Install hardware devices and peripherals.
	c. Install and configure software applications on a computer system.
	d. Manage computer and network security policies and protocols to protect organisational assets.
	e. Troubleshoot and communicate diagnostic issues and relevant solutions.

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

#### Assessment specifications:

The assessment must take place in a realistic practical setting which incorporates industry standard technologies relevant to current practice.

**Ngā momo whiwhinga | Grades available**

Achieved.

**Ihirangi waitohu | Indicative content**

- Components of a computer system
- Computer safety and procedures on PC handling
- Different types of hardware devices and peripherals, and their functions and characteristics, and relevant software applications for configuring systems.
- Assembly and reassembly of a computer
- Basic networking requirements
- Hardware and software troubleshooting and diagnostics
- Expected standards of behaviour for IT practitioners in New Zealand as outlined in the IT Professionals New Zealand Code of Ethics.

**Rauemi | Resources**

- The IT Professionals New Zealand Code of Ethics is available at <https://itp.nz/practice-guidelines>.
- Relevant legislation, accessible at <https://legislation.govt.nz>, includes but is not limited to:
  - Copyright Act 1994
  - Copyright (New Technologies) Amendment Act 2008
  - Electronic Transactions Act 2002
  - Harmful Digital Communications Act 2015
  - Health and Safety at Work Act 2015
  - Privacy Act 2020
  - Unsolicited Electronic Messages Act 2007
  - And any subsequent amendments.

**Pārongo Whakaū Kounga | Quality assurance information**

<b>Ngā rōpū whakatau-paerewa   Standard Setting Body</b>	Toi Mai Workforce Development Council
<b>Whakaritenga Rārangi Paetae Aromatawai   DASS classification</b>	Computing and Information Technology > Computing > Computer Support
<b>Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga   CMR</b>	0099

Hātepe   Process	Putanga   Version	Rā whakaputa   Review Date	Rā whakamutunga mō te aromatawai   Last date for assessment
Rēhitatanga   Registration	1	26 April 2024	N/A
Kōrero whakakapinga   Replacement information	N/A		
Rā arotake   Planned review date	31 December 2028		

Please contact Toi Mai Workforce Development Council at [qualifications@toimai.nz](mailto:qualifications@toimai.nz) to suggest changes to the content of this skill standard.