New Zealand Certificate in Information Technology Essentials Computing Requirements

Computers

You will need to have **two computers** to study this qualification due to the practical nature of our Technical IT Skills course.

The computer that you will use to access the course will need to capable of running MS Office 365 (the web-based version is fine although you may prefer to install the software so you can use the features offline).

In this course you will also physically disassemble and reassemble a computer as part of your course content. There are some requirements for this computer.

Requirements for the computer you will disassemble:

The requirements for the computer that you need to disassemble and reassemble are:

- It can't be a laptop or an all-in-one PC. You will need to have a desktop or mini tower computer to disassemble.

- The computer can be old, but it must work. It can be a second hand computer that you might be able to find at a second hand shop or TradeMe.

- You will need to have everything you need for a functional computer, this includes items such as power supply cords and cables, as well as the keyboard and mouse.

- The computer will need to have an operating system that that allows Windows 10 64bit to be installed.

- You can find full specifications on the following page.

Specifications:

This PC that you will dismantle can be reasonably old, but will need these minimum specifications:

1. A dual core 2GHz CPU.

2. 4GB of RAM.

3. 60GB hard drive or SSD.

4. A graphics card (may be integrated) that can run MS Windows 10 at at least 1024x768 pixels.

5. A network interface card (either integrated or a plug in card).

6. If you have no spare ethernet LAN ports on your internet router, you may need to purchase an ethernet switch to increase the number of ethernet ports available for your local network.

7. An ethernet cable to connect your practice PC to your router/switch/wireless access point.

8. An extra keyboard, mouse and visual display unit.

9. Power cables.

10. The following equipment which is used to guard against static damage to electronic components:

   - Antistatic strap.

   - Antistatic work mat.

   - Antistatic floor covering.

   - Antistatic plastic bags.

You will be assembling and disassembling this computer throughout the course. We strongly recommend that you locate this computer as soon as possible if you haven't already.

Make sure that you have an operating system that will work on your 'assessment computer'. If you need to purchase one, now would be a good time to arrange that.