



# CERTIFICATE IN INFORMATION TECHNOLOGY ESSENTIALS

## LEVEL 4



**TECHSCHOOL**  
AT NZSE

[techschool.ac.nz](https://techschool.ac.nz) | 0800 99 88 11 | [techschool@nzse.ac.nz](mailto:techschool@nzse.ac.nz)

# PROGRAMME OVERVIEW

This programme equips learners with knowledge & skills in computer hardware such as how to assemble, service and configure a Personal Computer system, troubleshooting and installing operating systems. Suitable for school leavers, people already in employment, or returning to work. Part-time and flexible study options available.

## WHAT WILL I LEARN?

### ICT401: Principles of ICT Infrastructure

This course will introduce students to the underlying infrastructure of computer technology and how it interacts to form a cohesive framework. Students will be introduced to the hardware, software, operating systems and the basic principles of networking.

### ICT402: Solution Design

This course is designed to introduce students to the processes involved in designing solutions to meet business requirements and the relationship between business and the information systems that support the business.

### ICT403: Projects in Business

This course will introduce students to the project management methodologies and tools as well as software development concepts and tools and their application to software development projects. The students will learn programming fundamentals, standards and best practice, application development, databases, use of project planning tools and software development.

### ICT404: Solution Development

This course will introduce students to the software development methodologies and to database management systems. Students will also learn about designing and creating interactive media products and websites

# AT A GLANCE

Course duration:  
**15 weeks**

Course credits:  
**60 credits**

Campus:  
**New Lynn  
Manukau**

Tuition



Zero-fee course  
Open entry for  
domestic students

International: \$7,500 NZD

Entry Requirements:

**Academic Criteria:**

This course is open to all domestic students and residents with a current permanent residence visa. Applicants must meet requirements in speaking, listening, reading and writing—which will be assessed in an interview.

Qualifications Awarded

**New Zealand Certificate  
in Information  
Technology Essentials  
(Level 4)**

## What's next?

Refine Your Knowledge:

- NZ Certificate in Information Technology (Level 5)
- NZ Diploma in I.T. Technical Support (Level 5)

Get Employed:

- Help Desk Technical Support
- Junior Administrator Assistant
- Network Configuration Technician
- PC Repair Technician
- Hardware Support Technician



# PROGRAMME PATHWAYS

NZ Certificate of  
Information Technology  
(Level 4)  
(15 weeks)

NZ Certificate of  
Information Technology  
(Level 5)  
(15 weeks)

SOFTWARE  
& CLOUD **OR** HARDWARE

NZ Diploma  
of IT Software  
Development  
(Level 6)  
(2 years)

NZ Diploma of  
IT Technical  
Support  
(Level 5)  
(1 year)

NZ Diploma of  
Networking  
Technologies  
(Level 6)  
(1 year)

Diploma of Applied Networking  
& Cloud Technologies  
(Level 7)  
(1 year)



“Just do it, I’d say..You have nothing to lose! It was helpful that this programme was zero-fee and it’s a step up, a step forward in the IT industry and better job opportunities”

## **Malu Taoo**

TechSchool Graduate 2018

Certificate in Information Technology (Level 4)



# TECHSCHOOL AT NZSE

0800 99 88 11 or 09 827 6100

## New Lynn Campus

3033 Great North Road  
New Lynn, Auckland  
New Zealand

## Avondale Campus

2171 Great North Road  
Avondale, Auckland  
New Zealand

## Manukau Campus

6 Osterley Way  
Manukau, Auckland  
New Zealand

## CBD Campus

Level 2 & 3  
60 Federal Street  
Auckland CBD  
New Zealand

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