Computer Power Plus
IT training specialists

2018 PROSPECTUS

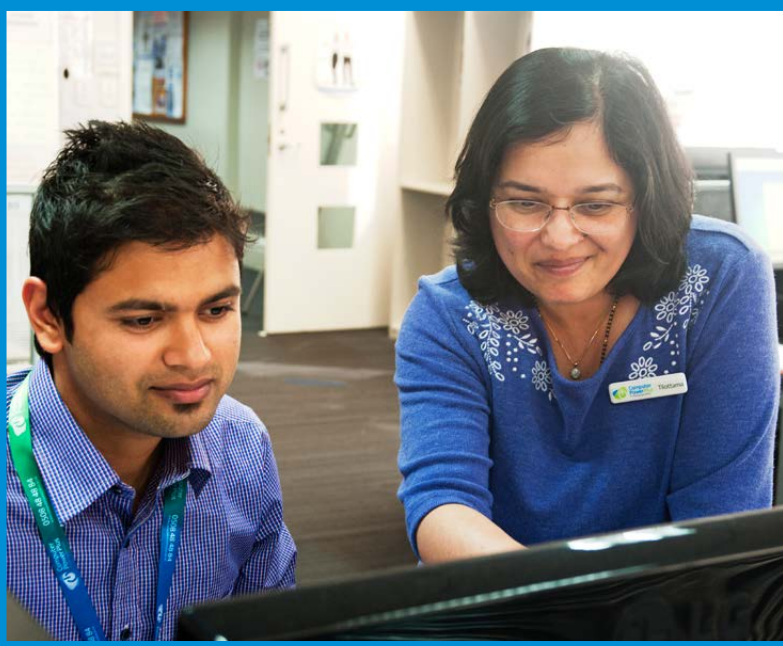












STUDY IT WITH US AND GET A JOB – GUARANTEED!

"It's your aptitude, not just your attitude that determines your ultimate altitude."

Zig Ziglar, Author & Motivational Speaker

"Success is not the key to happiness. Happiness is the key to success. If you love what you are doing, you will be successful."

Albert Schweitzer, Theologian

Contents

Computer Power Plus is backed by a partnership between tertiary education providers Whitireia New Zealand and Wellington Institute of Technology.

Whitireia NEW ZEALAND

WelTec
Te Whare Wānanga o te Awakairangi

Upgrade to an IT career

With so many exciting career options available in the Information and Communications Technology (ICT) industry, an IT qualification can literally be your ticket to living and working anywhere in the world.

IT skills and services are needed increasingly in all industries. From finance to healthcare, retail to tourism or business services, an IT qualification will diversify your career options. An IT qualification from Computer Power Plus will transform you into an internationally respected IT professional with the skills to obtain your dream career anywhere.

Be in demand by employers

- IT professionals are in high demand and earn a higher than average salary. The median salary (full & part-time incomes) in New Zealand is $48,800[1] while the median IT salary is $82,000[2]. High IT salaries are fueled by the chronic shortage of skilled IT workers in New Zealand and many companies are forced to hire from overseas to fill their vacancies.
- IT qualifications provide greater job security.
- IT career pathways can lead to rapid career progression.

"Tech professionals in New Zealand are some of the happiest in the world, with 85% believing their current workplace is a good place to be and 91% considering their work / life balance to be either average or above."

Source: Job Seeker Insight Report February 2015 – www.absoluteit.co.nz

1. New Zealand Income Survey June 2016 Quarter – www.stats.govt.nz.

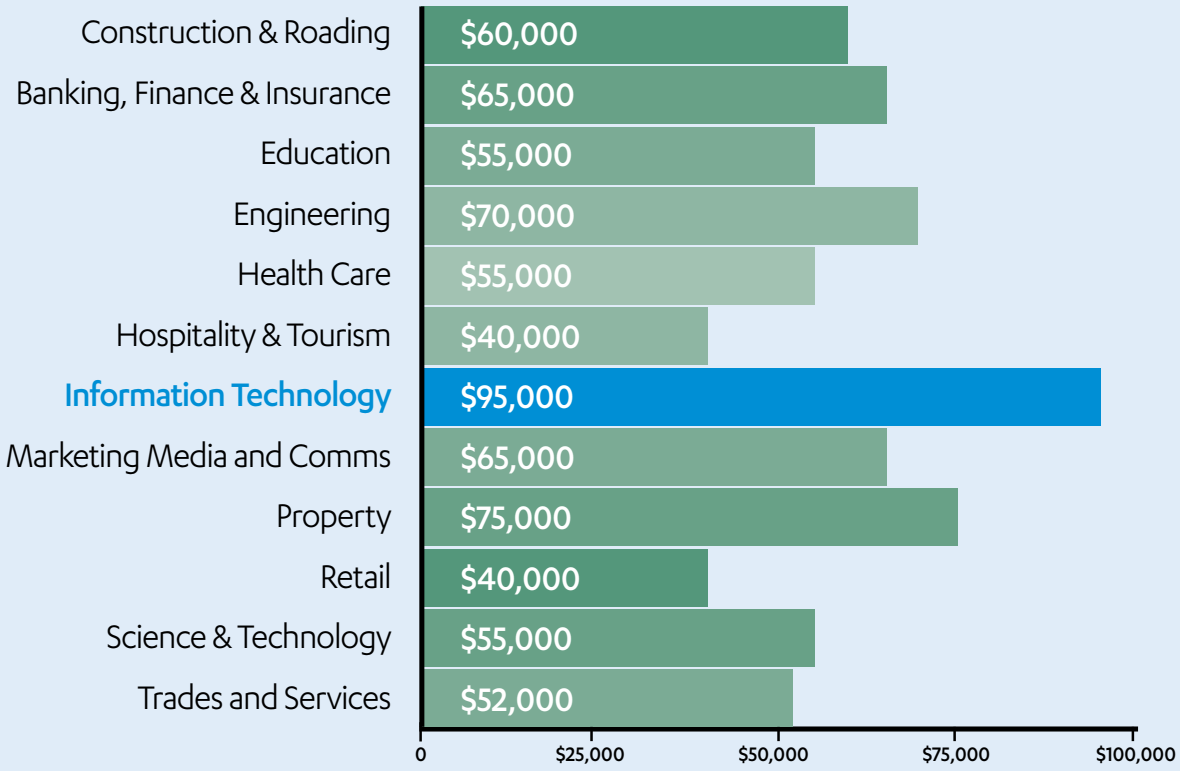
2. Absolute IT Renumeration Report June 2017 – www.absoluteit.co.nz

"After many years in retail and realising that for my financial aspirations I needed to educate myself in an area of interest – IT was the key. At Computer Power Plus I enjoyed being able to learn at my own pace with their self-paced learning model.

Working at MYOB I find that many of the things I learnt at CPP are highly relevant. I would definitely recommend CPP to others wanting to get into IT."

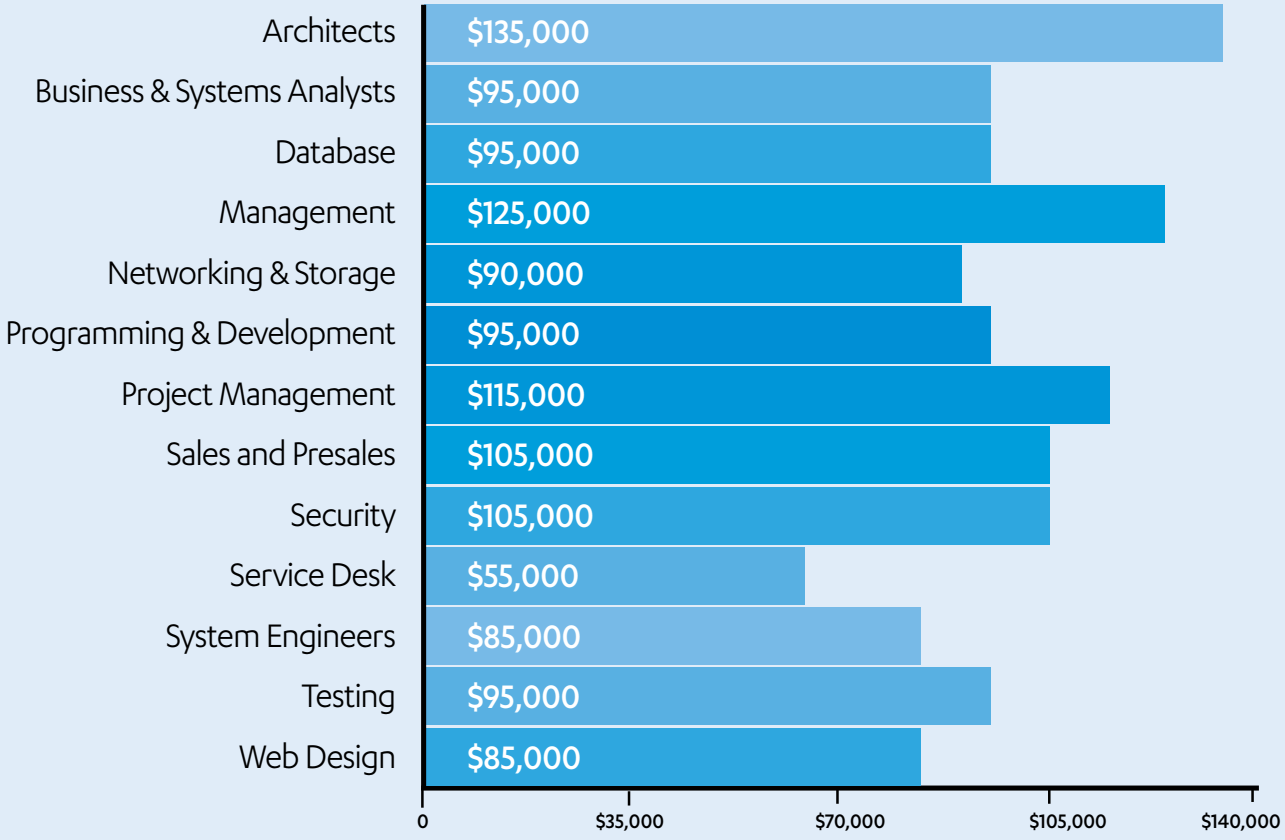
Neil Metcalfe - Client Services, MYOB
Certificate in IT Client Support Graduate

Full-time Median Pay by Industry



Source: Trademe Jobs Salary Guide October 2016 and March 2017 – www.trademe.co.nz

IT Industry Jobs Full-time Median Pay



Source: Trademe Jobs Salary Guide October 2016 and March 2017 – www.trademe.co.nz

About Computer Power Plus

Computer Power Plus (CPP) is a specialist IT training institute that provides a wide range of NZQA approved IT programmes from Certificate to Advanced Diploma level.

Computer Power was originally established in New Zealand in 1996 and changed its name to Computer Power Plus in 2012 to acknowledge the financial and academic strengths offered by its new owner Whitireia New Zealand Ltd. Whitireia is a government owned and funded tertiary institute of technology, known for its high student success rate and culturally diverse student body. It has close to 7,800 students and owns Computer Power Plus in partnership with Wellington Institute of Technology (WelTec), another highly regarded government owned and funded tertiary institute of technology with over 8,500 students.

Although Computer Power Plus continues to operate independently it can draw upon the resources offered by these two institutions providing financial stability and pathways to other programmes of study.

Our mission and passion is to provide our students with high quality and industry relevant qualifications so that they can have rewarding IT careers in the growing IT industry in New Zealand and abroad.

IT careers start here

- Thousands of our graduates are now working in rewarding IT careers here and abroad since 1996
- Three CBD campuses in Auckland, Wellington & Christchurch
- Purpose-built facilities
- Our IT programmes are developed in close consultation with the IT Industry ensuring our qualifications are relevant to today's changing IT workplace
- Over 350 current students
- 92% overall student statisfaction with Computer Power Plus[1]
- 91% of our students would recommend CPP to others[1]
- Our friendly team of tutors are highly regarded by our students for their dedication, experience, and one-on-one support when it's needed

IT career and programme options

Website Admin / Developer
> New Zealand Diploma in Web Development & Design (L5)
> New Zealand Diploma in Software Development (L6)

Database Administrator
> New Zealand Diploma in Software Development (L6)

Network / Systems Administration
Hardware Technician / Computer Engineer
> New Zealand Diploma in IT Technical Support (L5)
> New Zealand Diploma in Networking (L6)
> New Zealand Diploma in Systems Administration (L6)
> Diploma in Advanced Network Engineering (L7)

Help Desk / Technical Support
> New Zealand Diploma in IT Technical Support (L5)
> New Zealand Diploma in Networking (L6)
> New Zealand Diploma in Systems Administration (L6)
> Diploma in Advanced Network Engineering (L7)

Programmer
Software Tester
Systems Analyst
> New Zealand Diploma in Software Development (L6)

1. Ratings are based on Computer Power Plus Student Exit Surveys conducted between January 2015 and November 2015

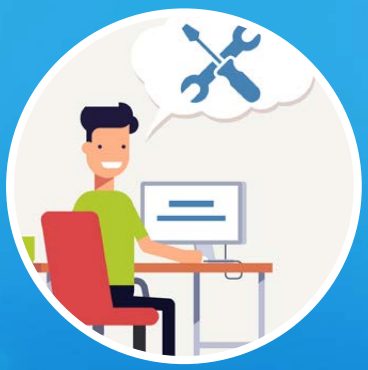
STUDY I.T. WITH US FOR TWO YEARS. GET A JOB - GUARANTEED!

www.guaranteedjobs.ac.nz

Computer Power Plus is offering a ground-breaking opportunity for students looking to study I.T. in 2018. We will guarantee 200 I.T. jobs to those that start their studies full-time in February or March 2018 or we'll **refund 100%** of your second year course fees.* We are also offering sixteen full-fee IT Scholarships valued up to $14,000.

Choose to enrol in either the **New Zealand Diploma in Software Development,** a Level 6 two-year course **OR** the **New Zealand Diploma in IT Technical Support (L5)** for the first year before choosing between the **New Zealand Diploma in Networking (L6)** or the **New Zealand Diploma in Systems Administration (L6)** for your second year.

WEB / GAME / MOBILE / SOFTWARE DEVELOPMENT



IT SUPPORT / NETWORKING SYSTEMS ADMINISTRATION

Computer Power Plus
IT training specialists

AUCKLAND | WELLINGTON | CHRISTCHURCH

YOUR PATH TO SUCCESS

* Terms and conditions apply

The Computer Power Plus difference

Computer Power Plus is one of New Zealand's leading and respected IT training providers. When you study with us you will get to benefit from:

- The choice of seven NZQA approved IT programmes from certificate to advanced diploma.
- Our regular start dates. No need to wait until next semester.
- Our unique, flexible and blended learning environment.
- The flexibility to study full-time and work part-time or study part-time and work full-time.
- Training towards internationally recognised IT vendor certifications.
- Training in the interpersonal and intrapersonal skills that IT employers are looking for.
- A professional study environment with supportive and experienced tutors.
- Programmes that can be credited towards a university qualification.
- Job placement assistance upon graduation.
- The availability of Saturday morning study shifts so you catch-up on your studies if needed.
- The flexibility to change from full-time study to part-time if your life circumstances change and vice versa.
- Frequently organised social events for staff and students. Events include ten-pin bowling, movie nights, BBQs, laser strike, weekly coffee & chat sessions and more.

What our graduates say:

"I chose CPP, because I liked the idea of flexible study shifts. I could still work during the day and look after my daughter at the same time, she was only two when I started my studies."

Chantel Mitchener – IT Support Analyst

"I had such a positive experience at CPP that I recommended it to my mates who now have jobs in a range of IT companies such as Datacom, Vodafone and SMSS."

Tim Cashman – Service Desk Manager

"I found CPP a great place to study with friendly tutors and a relaxed environment. I would recommend CPP as a great starting point if you want to get into the IT Industry."

Chris Wood – IT Asset Manager

"CPP really did help me. They're very supportive and they understand your wants and needs and where you want to go with you life. If you need a bridge to IT, CPP is the best place to start."

Alicia Esera – Training Support Specialist

Wellington campus learning environment

"At Jade Software, we have employed a number of Computer Power Plus graduates over the last two years, who are working as Systems Administrators and Implementation Consultants.

We have found the CPP graduates to be well rounded, have good practical skills and technical knowledge, and are well suited to industry needs. From our experience we would recommend hiring a CPP Graduate to potential employers looking for a valuable addition to their team."

Helen Clarke
Frontline Support and Compliance Manager

Our unique learning approach

Computer Power Plus delivers a unique 'student-centred' learning model which is used at all three campuses.

The self-paced* and blended-learning environment offered by Computer Power Plus allows you to take control of your own learning. All the resources you require are supplied to you on campus. These have been created by our own team of qualified curriculum developers.

Unlike a traditional school, you will not be learning in a classroom with one teacher, taking you through a topic at a time. Instead you will be working in an open learning environment at your own work station, and be supported by our experienced tutors when you need them.

Our course material is provided online, so you can work through this at your own pace – both on campus and anywhere else that you can get Internet access. This flexibility allows you to make sure that you have completed all of the learning objectives that you need to cover before any workshops or group activities that you may need to attend.

Studying full-time within our business environment simulates a normal working day on the job. This is based on campus study of 20 hours per week plus an extra 15 hours spent studying either at home or in the library each day.

Computer Power Plus's blended learning strategy provides for both theory and hands-on practical experience. This includes frequent tutor-led workshops that covers some course topics in detail.

We provide:

- On campus eLearning and practical exercises with personal tuition from our qualified and experienced tutors.
- Microsoft Imagine Academy - free access to Microsoft E-learning and Dreamspark Premium.
- A new and modern online delivery platform
- Opportunities for self-assessment – Computer Power Plus tests and assessments.
- Opportunities to gain internships and industry work experience.
- Training towards internationally recognised IT vendor certifications.

The programme structure and learning process

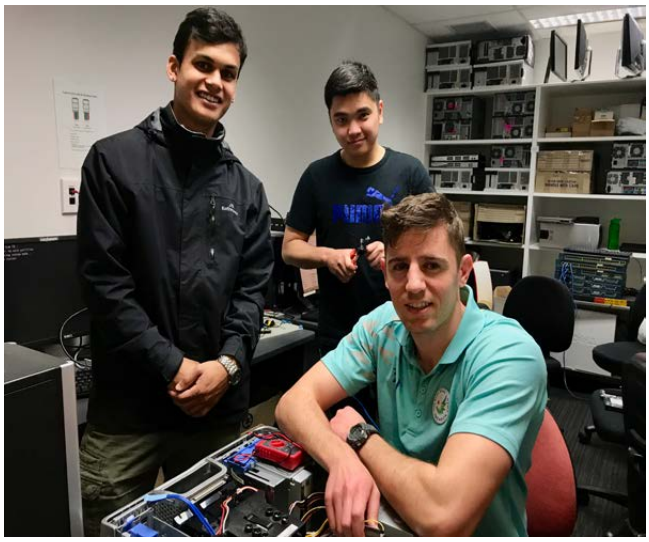
Each of our programmes are made up of a series of courses. In each course there are many learning activities (or lessons) and assessments. Learning activities may include:

- working at the computer
- studying texts
- watching eLearning videos
- practical demonstrations
- role plays
- practice tests
- tutor-led workshops
- researching

Assessments may include (these are compulsory):

- exam-based assessments
- project based assessments
- competencies / checkpoints
- doing progress check tests
- presentations

You will be studying only one course at a time. When you finish each course there is normally an assessment. In some courses, there are assessments that you complete as you go through the course. When you complete a course, you will move on to the next, building towards your nationally recognised New Zealand qualification.



Professional development

To assist you in obtaining your ideal job upon graduation, we have included professional practice training in all of our programmes, and job placement support dedicated to your job success.

Computer Power Plus has the experience and knowledge of the ICT industry to support students in becoming the IT professionals employers demand. With dedication, students graduate from Computer Power Plus technically proficient and able to work as a dynamic team member.

At Computer Power Plus, our graduate job placement support team has already helped thousands of our graduates find IT employment. See page 30 for more information.

Our professional development programme includes:

- Building on your self-management skills.
- Learning essential interpersonal skills including communication and teamwork.
- Writing powerful resumes for maximum impact.
- Becoming familiar with interview skills and techniques.
- Accessing the hidden job market.
- Benefiting from our individual mentoring and support services.

* Note: Students can study at their own pace, but will be required to attend group activities at scheduled times and any final assessments are held in the fifth week of each course.

"The topics covered in my diploma were very diverse and gave me a great understanding of the way things work in the IT industry. I had a lot of hands-on experience with a variety of systems and tools. This is why CPP graduates are sought after in the IT industry and one of the main reasons why I got the first job I applied for."

Dylan Clark
Senior Security Operations Analyst, Workday

Auckland campus learning environment

2018 programmes and fees

Study Options	Enrolment Fee	Programme Fee	Training towards Industry Certifications
Diploma in Advanced Network Engineering (Level 7)			
Full Time (up to 16 months) or Part Time (up to 33 months) *Minimum of 12 hrs on campus/week*	$500	$10,404	Security+, CWTS, MCTS: Configuring Windows MCSA: Windows Server
New Zealand Diploma in Software Development (Level 6)+			
Full Time 80 weeks or Part Time for 37 months	$500	Year 1: $6,601 Year 2: $6,825	
New Zealand Diploma in Networking (Level 6)+			
Full Time for 40 weeks or Part Time for 80 weeks	$500	$6,841	CCNA Wireless, CCNA Collaboration CCNA Security, CCNA Routing & Switching CompTIA Project+
New Zealand Diploma in Systems Administration (Level 6)+			
Full Time for 40 weeks or Part Time for 80 weeks	$500	$6,931	MCSA: Server 2016 CompTIA Project+
New Zealand Diploma in Web Development and Design (Level 5)			
Full Time for 40 weeks or Part Time for 80 weeks	$500	$6,664	
New Zealand Diploma in Information Technology Technical Support (Level 5)			
Full Time for 40 weeks or Part Time for 80 weeks	$500	$6,664	CompTIA A+, CompTIA Network+
New Zealand Certificate in Information Technology (Level 5)			
Full Time for 20 Weeks or Part Time for 40 Weeks	$500	$3,241	

- Durations above include holidays/study breaks. See programme pages for specific durations.
- Full time study is based on 20 hours on campus per week plus 15 hours per week home study. Note: The Diploma in Advanced Network Engineering requires 25 hours on campus and 12.5 hours home-study.
- Part time study is based on 10 hours per week on campus plus 7.5 hours per week home study. Note: The Diploma in Advanced Network Engineering requires 12 hours on campus and 6 hours home-study.
- Programme fees are inclusive of GST and include all institute based learning guides, texts and access to resources. Some fees may differ a little to above if a programme extends over a one-year period and/or enrolment is later in the year (this is only applicable if fees are increased in 2019).
- Programme fees do not include vendor certification exams.
- Fees must be paid prior to programme commencement.
- 2018 programme fees are free for first time tertiary students. See page 13 for more details.

Computer Power Plus reserves the right to alter programme content or fees as outlined in this prospectus at any time.

+ Programme is pending NZQA approval

Fees free for first time tertiary students

From 1 January 2018, tertiary education will be fees free for eligible first time tertiary students.

To be eligible for the government's fees-free initiative, you must:

1. be either a New Zealand citizen, or an Australian or New Zealand resident who has lived in New Zealand for at least three years while holding a residence class visa, or a refugee or protected person, or a sponsored family member of a refugee or protected person; and
2. not be currently enrolled in a school at the start date of the course or programme; and either
   a. have been enrolled in a school at any time during 2017 or 2018; or
   b. not have previously undertaken more than 60 credits (half a year of equivalent full-time tertiary education, 0.5 EFTS) at level 3 or above on the NZQF, including tertiary education at an equivalent level undertaken in any other country, but excluding any tertiary education undertaken while enrolled in a school
3. be enrolled in an eligible qualification (all Computer Power Plus certificate and diploma programmes meet the government's requirements for free fees).

To find out if you are eligible you can visit this website and enter your national student number (NSN): https://www.feesfree.govt.nz/

If you need help confirming your previous study, contact NZQA on 0800 697 296 (between 8am and 5pm Monday to Friday) or your previous education provider/industry training organisation.

Frequently Asked Questions:

Q. What period is covered for provider-based study?

Fees-free for 2018 covers courses and programmes beginning in 2018. You can begin your study in 2018 and complete your study later. For example, you could access fees-free study for 60 credits / 0.5 EFTS in 2018 and another 60 credits / 0.5 EFTS in another year.

Q. Are there any age requirements?

No, there are no age requirements or restrictions.

Q. Will I be eligible for fees-free if I study part time?

You can study full-time or part-time and be eligible for fees-free. If you study fewer than 120 credits (such as through part-time study, or full time study towards a 80 credit qualification), you can spread your fees-free study out. For example, you could access fees-free study for 0.5 EFTS / 60 credits over one year and another 0.5 EFTS / 60 credits over another year.

Q. I have been at school in 2017 and did a tertiary level course as part of my study. Will I still be eligible?

Yes. The fees-free policy will not penalise people who take tertiary courses while at secondary school. These courses are not counted as previous tertiary study for the purpose of assessing someone's "first time study" status.

Q. Can I carry fees-free over to another year?

You can spread your fees-free 1 EFTS or 120 credits over multiple years if you are studying at a provider; however, you cannot "bank" your 2018 fees-free. This means if you start study in 2018 and are eligible for fees-free study, you cannot opt to pay for some of your studies yourself and "bank" your fees-free study to use later.

Check our refund policy before you start your programme. This is important in case you decide to withdraw at a later date as it may affect your future fees-free allowance.

Q. How much are credits worth in terms of the equivalent full-time student (EFTS)?

Usually, 0.125 EFTS is equivalent to 15 credits or points, and so 0.5 EFTS would be equivalent to half a year of full-time study for most students and one EFTS would usually be equivalent to one year's full-time study. You can find out more about EFTS on StudyLink's website: www.studylink.govt.nz

Q. How much study can I get fees-free in 2018?

The Government's intention is for the policy to cover one year's study or two years industry training, which is usually 1 EFTS / 120 credits. 1 EFTS is approximately 120 credits or points.

Some people study more or less than 1 EFTS in a year. The Government will fund fees up to $12,000 for study in a year. This limit is expected to affect around 1% of first-time students.

Q. What sorts of fees will be covered by fees-free?

The fees-free policy for tertiary education will pay:

- Tuition fees and associated mandatory fees, and
- Compulsory student services fees

This aligns fees-free coverage with current fee regulation and the coverage of the fees component of student loans.

Q. What do I do if I find I am eligible for fees-free, but I have already taken out a student loan for my fees for 2018?

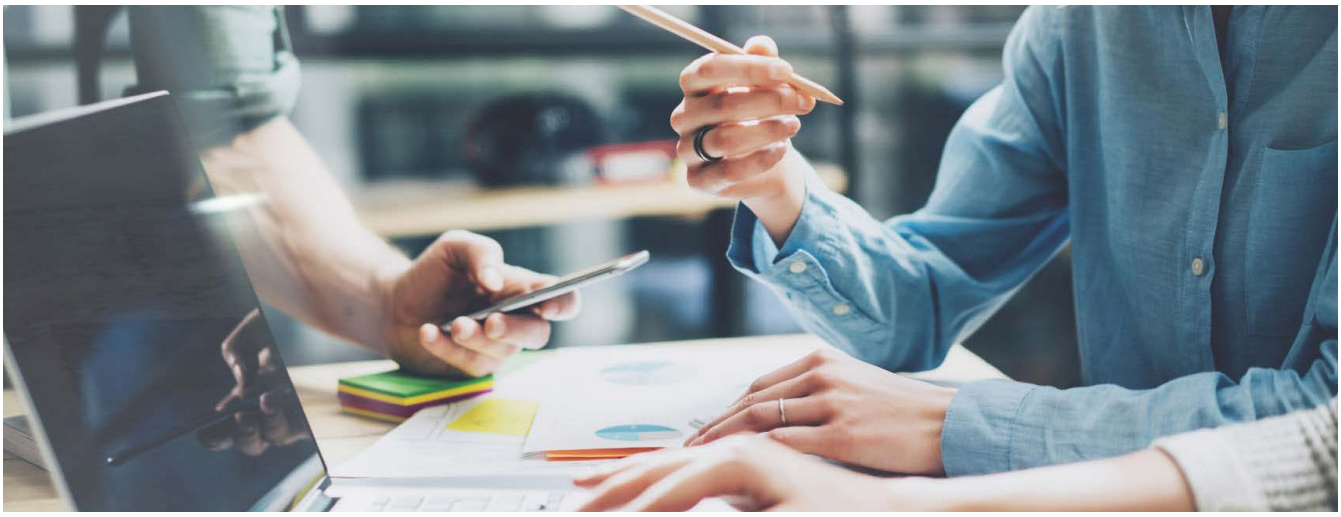
StudyLink advises that you should do the following:

Log in to your MyStudyLink account and change the 'Pay fees' field in your loan application to 'No' (NB don't cancel your loan application completely if you will still need other support from the loan like the living costs and course-related costs).

If you were only taking out a loan to pay your fees, and your fees are less than or equal to $12,000, you may choose to cancel your loan application. Call StudyLink on 0800 88 99 00 to talk about cancelling your application.

For more information visit: https://www.feesfree.govt.nz/

New Zealand Certificate in Information Technology (L5)



Programme Code	NZ2595
Duration Full-Time	17 weeks + 3 weeks study break. 20 hours on campus/week + 15 hours/week home study
Duration Part-Time	34 weeks + 6 weeks study break. 10 hours on campus/week + 7.5 hours/week home study
2018 Fees	$3,241 + $500 Enrolment Fee Note: Course fees are FREE for first-time tertiary students

This programme will primarily equip you for further IT related study, and prepare you for employment in an entry level IT role. You will gain the essential IT and professional skills that are needed in today's IT industry with training in IT systems, programming principles, professional practice, data handling and web concepts.

Entry requirements

A minimum of 42 credits at NCEA Level 3, including 14 credits in Digital Technologies or Computing AND a minimum of 10 credits in Maths AND 10 credits in English at Level 2 or above, **OR** equivalent knowledge, skills and experience.
If you do not have the above NCEA Level 3 credits or equivalent computing-related qualification, you can take our online Skills and Knowledge Assessment. Contact us at info@cpp.ac.nz

Major qualification goals

- Apply the fundamentals of information systems concepts and practice to support and enhance organisational processes and systems.
- Apply the fundamentals of IT technical support concepts and practice to manage hardware and software resources to meet organisational requirements.
- Apply the fundamentals of interaction design concepts and practice to enhance interface design.
- Use problem-solving and decision-making techniques to provide innovative and timely Information Technology outcomes.
- Apply professional, legal, and ethical principles and practices in a socially responsible manner as an emerging IT professional.
- Apply the principles of software development to create simple working applications.
- Apply communication, personal and interpersonal skills to enhance effectiveness in an IT role.

Further Study Options

Upon successful completion of the Level 5 Certificate you can further enhance your IT career opportunities with the following programmes at Computer Power Plus (this certificate will also contribute 60 credits towards the completion of these programmes).

- New Zealand Diploma in Web Development and Design (Level 5)
- New Zealand Diploma in Information Technology Technical Support (Level 5)
- New Zealand Diploma in Software Development (Level 6)

Start Dates

This programme starts every five weeks.

- 5 February
- 12 March
- 16 April
- 21 May
- 25 June
- 30 July
- 3 September
- 8 October
- 12 November

New delivery platform

All level 5 and 6 programmes are now delivered on our new and modern online learning platform. This has been optimised for delivery on desktop computers, tablets and smart phones, so you can continue your studies anywhere, or anytime.

The platform allows students to carry on their studies exactly where they left off each time they login. Students can also create searchable study notes next to their course materials and share comments with other students. The platform also supports rich media content such as video and interactive quizzes.

Programme structure

The NZ Certificate in Information Technology (Level 5) is a 60 credit programme, consisting of four x 15 credit courses. These courses start every five weeks. The first 20 working days are the study days on the course. The last five days include a day each for revision and the final assessment, and days for study break.

Course Content

IT SYSTEMS

- Hardware concepts and components
- Storage devices
- Operating system concepts
- IT support concepts
- Systems security

DATA HANDLING AND WEB CONCEPTS

- Structured Query Language (SQL), to give students the skill and knowledge to use the basics of Microsoft SQL Server.
- Designing websites which gives an understanding of website design using HTML5 and CSS.

PROFESSIONAL PRACTICE

- Legal and regulatory considerations relevant to IT
- Ethical decision-making
- Professional conduct and codes of practice
- Personal effectiveness
- Information presentation techniques
- Business context of IT, information systems, initiation and management of IT projects.

PROGRAMMING PRINCIPLES

- Creating procedural and object oriented programs using Python
- Mathematical and logical concepts underpinning programming

"CPP's learning environment is so much better than at school or polytech. If I need help with my studies I can just email the tutors from my computer and they will come and assist you on the computer floor. I also like that getting help is discreet and that I don't have to put up my hand. I really liked studying at CPP that once I graduated with the Certificate I decided to enrol in the Diploma programme."

Sarah Booth *(pictured left)*

New Zealand Diploma in Web Development and Design (L5)

Programme Code	NZ2596
Duration Full-Time	34 weeks + 6 weeks study break. 20 hours on campus/week + 15 hours/week home study
Duration Part-Time	68 weeks + 12 weeks study break. 10 hours on campus/week + 7.5 hours/week home study
2018 Fees	$6,664 + $500 Enrolment Fee Note: Course fees are FREE for first-time tertiary students

This programme provides a pathway to becoming an IT professional who can design and develop websites in all sectors of the economy and society.

On the completion of this programme, you will be able to build a complete web application following the entire web development process from end to end, using a content management system.

In addition, you will have a broad set of IT skills that are internationally relevant. You will also be capable of operating within applicable professional standards and practice, both independently and collaboratively as part of a team.

Entry requirements

A minimum of 42 credits at NCEA Level 3, including 14 credits in Digital Technologies or Computing AND a minimum of 10 credits in Maths AND 10 credits in English at Level 2 or above, **OR** equivalent knowledge, skills and experience.
If you do not have the above NCEA Level 3 credits or equivalent computing-related qualification, you can take our online Skills and Knowledge Assessment. Contact us at info@cpp.ac.nz

Major qualification goals

Upon completion of this qualification, you will be able to:

- Apply the fundamentals of information systems concepts and practice to support and enhance organisational processes and systems.
- Apply the fundamentals of IT technical support concepts and practice to manage hardware and software resources to meet organisational requirements.
- Apply the fundamentals of interaction design concepts and practice to enhance interface design.
- Apply the principles of software development to create simple working applications.
- Use problem-solving and decision-making techniques to provide innovative and timely Information Technology outcomes.
- Determine client requirements, prepare and present solution(s) which meet client requirements.
- Write scripts appropriate to implement and customise a solution package using frameworks and libraries.
- Design and implement interfaces to enhance user experience and functionality.
- Select, install and configure appropriate plug-in modules to supplement functionality to meet organisational requirements.
- Test functionality and usability to meet client requirements.
- Implement, configure, and publish tested web solution to meet client requirements.
- Apply professional, legal, and ethical principles and practices in a socially responsible manner as an emerging IT professional.
- Apply communication, personal and interpersonal skills to enhance effectiveness in an IT role.

Career opportunities

- Front-end Web Developer
- Web Content Editor

Future Career Possibilities

- Full Stack Web Developer
- Website Administrator
- Website Project Manager
- UI/UX Architect
- Database Administrator

2018 start dates

- 5 February
- 12 March
- 16 April
- 21 May
- 25 June
- 30 July
- 3 September
- 8 October
- 12 November

Programme structure

This diploma is a 120 credit programme, consisting of eight x 15 credit courses. These courses start every five weeks. The first 20 working days are the study days on the course. The last five days include a day each for revision and the final assessment, and days for study break.

Course Content

IT SYSTEMS

- Hardware concepts and components
- Software components and configuration
- Operating system concepts and configuration
- IT support concepts
- Systems security concepts and tools

DATA HANDLING AND WEB CONCEPTS

- Data Modelling
- Structured Query Language (SQL)
- Website design using HTML5 and CSS

PROFESSIONAL PRACTICE

- Legal and regulatory considerations relevant to IT
- Ethical decision-making
- Professional conduct and codes of practice
- Personal effectiveness
- Information presentation techniques
- Business context of IT, information systems, initiation and management of IT projects

PROGRAMMING PRINCIPLES

- Creating procedural and object oriented programs using Python
- Mathematical and logical concepts underpinning programming

BUSINESS ANALYSIS AND SOLUTION DESIGN

- Business process modelling
- Elicitation techniques
- Stakeholder interaction
- Requirements analysis
- Solution design
- User interface design

CLIENT-SIDE DEVELOPMENT

- Responsive design including user interface, HCI principles and universal accessibility
- Design principles
- Client side scripting
- Multimedia content development
- Use of frameworks or libraries

TESTING AND DEPLOYMENT OF A WEB APPLICATION

- Functional testing
- Usability testing
- Standards compliance testing
- Migration from development to live platform
- Testing on multiple platforms (devices and browsers)
- Client acceptance
- End-user/technical documentation and user training

WEB APPLICATION PROJECT

- Systems development lifecycle
- Analysis, design, implementation, testing of a web application solution.

Further Study Options

Upon successful completion of this diploma, students can further enhance their IT career opportunities with the New Zealand Diploma in Software Development (Level 6).

Note: The New Zealand Diploma in Web Development and Design (L5) contributes 90 credits towards the completion of the New Zealand Diploma in Software Development (L6)

New Zealand Diploma in Information Technology Technical Support (L5)

Programme Code	NZ2598
Duration Full-Time	34 weeks + 6 weeks study break. 20 hours on campus/week + 15 hours/week home study
Duration Part-Time	68 weeks + 12 weeks study break. 10 hours on campus/week + 7.5 hours/week home study
2018 Fees	$6,664 + $500 Enrolment Fee Note: Course fees are FREE for first-time tertiary students

This programme prepares you to work in a range of entry level support roles in an organisation, which may include employment in roles such as computer technician, service desk or technical support or provide a pathway to further IT related study.

Upon graduating you will have an awareness of the IT environment, appreciate the needs of users, and be able to provide IT technical support. You will also be able to operate within professional IT standards and practice, as part of a team, or independently with a broad level of supervision.

Entry requirements

A minimum of 42 credits at NCEA Level 3, including 14 credits in Digital Technologies or Computing AND a minimum of 10 credits in Maths AND 10 credits in English at Level 2 or above, **OR** equivalent knowledge, skills and experience.
If you do not have the above NCEA Level 3 credits or equivalent computing-related qualification, you can take our online Skills and Knowledge Assessment. Contact us at info@cpp.ac.nz

Major qualification goals

Upon completion of this qualification, you will be able to:

- Apply the fundamentals of information systems concepts and practice to support and enhance organisational processes and systems.
- Apply the fundamentals of IT technical support concepts and practice to manage hardware and software resources to meet organisational requirements.
- Apply the fundamentals of interaction design concepts and practice to enhance interface design.
- Use problem-solving and decision-making techniques to provide innovative and timely Information Technology outcomes.
- Select, install and configure IT hardware and systems software to meet organisational requirements.
- Apply a broad operational knowledge of networking, and associated services and technologies to meet typical organisational requirements.
- Configure and administer systems and applications to meet typical organisational IT support requirements.
- Apply a broad operational knowledge of database administration to meet typical organisational data storage and retrieval requirements.
- Troubleshoot and resolve a range of common system problems using appropriate tools and procedures.
- Identify common issues related to IT security and apply a range of solutions.
- Demonstrate an operational knowledge and understanding of IT service management to meet typical organisational customer service requirements.
- Apply professional, legal, and ethical principles and practices in a socially responsible manner as an emerging IT professional.
- Apply the principles of software development to create simple working applications.
- Apply communication, personal and interpersonal skills to enhance effectiveness in an IT role.

Career opportunities

- Network Administrator
- Technical Support
- Systems Support
- Service Administration
- Customer Service Engineer
- Hardware Support
- PC Support
- Help Desk

Future Career Possibilities

- Network Manager
- Service Manager
- Technical Manager
- Help Desk Manager
- Network Engineer
- Workshop Manager
- Self Employed

2018 start dates

- 5 February
- 12 March
- 16 April
- 21 May
- 25 June
- 30 July
- 3 September
- 8 October
- 12 November

Industry certifications

This qualification offers training towards the globally recognised vendor certification:

- CompTIA A+ (220-901 / 220-902)
- CompTIA Network+ N10-006

Programme structure

This diploma is a 120 credit programme, consisting of eight x 15 credit courses. These courses start every five weeks. The first 20 working days are the study days on the course. The last five days include a day each for revision and the final assessment, and days for study break.

Course Content

IT SYSTEMS

- Hardware concepts and components
- Software components and configuration
- Operating system concepts and configuration
- IT support concepts
- Systems security concepts and tools

DATA HANDLING AND WEB CONCEPTS

- Data Modelling
- Structured Query Language (SQL)
- Web site design using HTML5 and CSS

PROFESSIONAL PRACTICE

- Legal and regulatory considerations relevant to IT
- Ethical decision-making
- Professional conduct and codes of practice
- Personal effectiveness
- Information presentation techniques
- Business context of IT, information systems, initiation and management of IT projects

PROGRAMMING PRINCIPLES

- Creating procedural and object oriented programs using Python
- Mathematical and logical concepts underpinning programming

COMPUTER SERVICING SKILLS

- Installing, assembling and configuring systems and software
- Operational knowledge of networking
- Understanding Operating Systems
- Video Technologies
- Mobile Computing, Mini Computers and Server Hardware
- Internet of Things
- Troubleshooting using appropriate tools and procedures
- Preparation towards CompTIA A+ external exam

OPERATING SYSTEMS

- Windows operating systems
- Other operating systems (OS X, Linux, Mobile operating systems)
- Managing and configuring network security
- Network operating systems / Configuring the network
- Installing Windows Server
- Managing active directory
- Disk and resource management
- Troubleshooting using appropriate tools and procedures
- Managing LAN operations
- Preparation towards CompTIA A+ external exam

NETWORKING

- Networking Foundations
- Network Communication: Ethernet Technologies, IP addressing, IP Routing
- Extending the LAN
- Managing the Network
- Troubleshooting using networking tools and procedures
- Protecting the Network, Network Security
- Preparation towards CompTIA Network+ external exam

SYSTEMS ADMINISTRATION AND MANAGEMENT

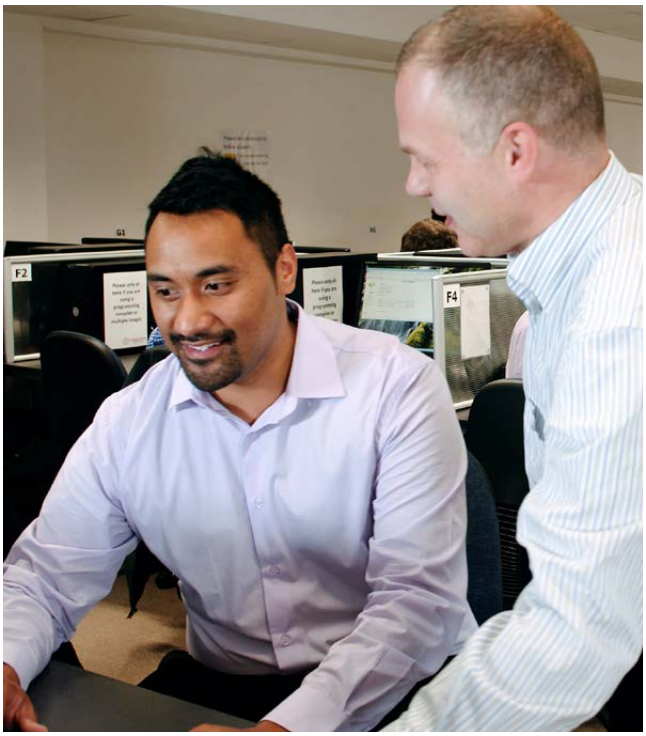
- Database management and administration
- Cloud Virtualisation Concepts
- IT service management

Further study Options

Upon successful completion of this diploma, students can further enhance their IT career opportunities with the following qualifications:

- New Zealand Diploma in Systems Administration (Level 6)
- New Zealand Diploma in Networking (Level 6)

Note: The New Zealand Diploma in Information Technology Technical Support (L5) contributes 15 credits towards the completion of either of the above level 6 qualifications.



New Zealand Diploma in Networking (L6)[+]

Programme Code	NZ2600
Duration Full-Time	34 weeks + 6 weeks study break. 20 hours on campus/week + 15 hours/week home study
Duration Part-Time	68 weeks + 12 weeks study break. 10 hours on campus/week + 7.5 hours/week home study
2018 Fees	$6,841 + $500 Enrolment Fee

The aim of this new programme is to provide you with the opportunity to achieve a qualification in IT networking which meets industry needs for appropriately qualified information technology (IT) employees. The programme also provides you with the opportunity to gain a number of external Cisco certifications.

Career opportunities

Upon graduating you will have the skills and knowledge to gain employment in roles such as IT technician, service desk, desktop support, or entry level network administrator, network engineer, or network support roles. You will also have the background to progress into more advanced roles including network engineer, manager or analyst.

Entry requirements

New Zealand Diploma in Information Technology Technical Support (Level 5) **or** equivalent skills and knowledge.

Major qualification goals

Upon completion of this qualification, you will be able to:

- Apply advanced wireless and switching configuration and troubleshooting techniques to resolve switching and routing issues for organisational networks.
- Apply routing configurations and troubleshooting techniques to implement and maintain networks.
- Analyse the impact of convergence on network infrastructure and implement unified communications to maintain acceptable organisation service levels.
- Apply specialised knowledge of networking protocols and technologies to configure, maintain and monitor networks.
- Analyse and implement advanced network security to protect and secure assets and to meet best practice and organisational requirements.
- Analyse networking performance scenarios and recommend remedial actions to maintain acceptable organisation service levels.
- Analyse and document requirements for routing, switching and server infrastructure to support IT infrastructure planning.
- Apply IT service management and change management processes and procedures to comply with organisational requirements.

CORE SKILLS

- Behave with integrity as a responsible Information Technology professional, to contribute positively to society.
- Apply communication, information design, personal, and interpersonal skills, clearly and professionally to enhance working effectiveness, efficiency, and quality outcomes in an organisational environment.
- Apply project management tools and techniques to an IT related project, to analyse and solve problems.

Industry certifications

For graduates pursuing industry certifications the programme offers training towards the following:

- CCNA Routing and Switching is covered in the courses Routing and Switching, Connecting Networks and Network Management
- CCNA Wireless is part covered in the course Wireless Networking
- CCNA Collaboration is part covered in the course Unified Communications
- CCNA Security is part covered in the course Network Security
- CompTIA Project+ is covered in the course IT Management

[+] Pending NZQA approval

2018 start dates

- 5 February
- 12 March
- 16 April
- 21 May
- 25 June
- 30 July
- 3 September
- 8 October
- 12 November

Programme structure

This diploma is a 120 credit programme, consisting of eight x 15 credit courses. These courses start every five weeks. The first 20 working days are the study days on the course. The last five days will usually include a day each for revision and the final assessment, and days for study break.

Course Content

PROFESSIONAL PRACTICE

- Legal and regulatory considerations relevant to IT
- Ethical decision-making
- Professional conduct and codes of practice
- Personal effectiveness
- Information presentation techniques
- Business context of IT, information systems, initiation and management of IT projects

ROUTING AND SWITCHING

- Basic Ethernet LANs technologies
- VLAN concepts and protocols
- Spanning Tree Protocol and switching issues
- IPv4 Addressing and subnetting
- IPv4 Addressing and routing concepts
- IPv4 routing protocols
- Networking Project

CONNECTING NETWORKS

- Automatic IP addressing using DHCP
- External routing using BGP
- IPv6 addressing and subnetting
- IPv6 addressing and routing
- IPv6 routing protocols
- WANs technologies
- Investigate and research fault tolerant routing using HSRP
- Ethernet LANs, IP addressing, routing, and routing protocols

NETWORK MANAGEMENT

- Filtering traffic with access control lists
- Securing networks using NAT
- Securing access to devices
- Device and network management
- Quality of Service (QoS) concepts
- Cloud computing and SDN technologies
- Networking project

WIRELESS NETWORKING

- Investigate and research radio frequency signals and standards
- Wireless antenna hardware
- 802.11 frames
- Wireless coverage and interference
- Wireless architectures
- Wireless LAN controller-based deployments
- Wireless client roaming
- Wireless LAN radio management
- Wireless security
- Wireless LAN problems and solutions

UNIFIED COMMUNICATIONS

- Unified voice communications concepts
- Unified voice communications management
- Endpoints and users
- Telephony features
- Messaging and telepresence
- Voice network management and troubleshooting

NETWORK SECURITY

- Research and investigate security concepts and threats
- AAA implementation
- 802.1X authentication
- VPNs and IPsec implementation
- Network traffic and devices monitoring
- Secure routing protocols
- Mitigation technology for threats
- Firewall implementation
- IPS basics

IT MANAGEMENT

- PMI project management concepts and framework
- Research and investigate PRINCE2
- IT service management framework
- IT service management plan
- Project plan

New Zealand Diploma in Systems Administration (L6)+

Programme Code	NZ2601
Duration Full-Time	34 weeks + 6 weeks study break. 20 hours on campus/week + 15 hours/week home study
Duration Part-Time	68 weeks + 12 weeks study break. 10 hours on campus/week + 7.5 hours/week home study
2018 Fees	$6,931+ $500 Enrolment Fee

The aim of this new programme is to provide you with the opportunity to achieve a qualification in IT systems administration which meets industry needs for appropriately qualified information technology (IT) employees. The programme also provides students with the opportunity to gain a number of external Microsoft certifications.

Career opportunities

Upon graduating you will have the skills and knowledge to gain employment in entry level roles such as IT technician, help desk, Tier 1 and 2 desktop support, systems administration, or in applications support.

You will also have the background to progress into more advanced roles such as senior system administrator or application support analyst roles.

Major qualification goals

Upon completion of this qualification, you will be able to:

- Implement a range of technologies for systems and network services to meet organisational requirements.
- Plan and implement automated system and application software deployment to support efficient organisational operations.
- Plan, implement, and manage a directory service to meet organisational requirements.
- Analyse a range of options and implement a solution to meet organisations data storage requirements.
- Implement a server-based virtualisation infrastructure to support organisational requirements.
- Analyse organisational requirements, implement a solution, and administer infrastructure for remote network access.
- Manage and administer a messaging and collaboration service to meet organisational requirements.
- Write scripts to automate standard system procedures.
- Apply IT service management and change management processes and procedures to comply with organisational requirements.

CORE SKILLS

- Behave with integrity as a responsible Information Technology professional, to contribute positively to society.
- Apply communication, information design, personal, and interpersonal skills, clearly and professionally to enhance working effectiveness, efficiency, and quality outcomes in an organisational environment.
- Apply project management tools and techniques to an IT related project, to analyse and solve problems.

Entry requirements

New Zealand Diploma in Information Technology Technical Support (Level 5) **or** equivalent skills and knowledge.

Industry certifications

For graduates pursuing industry certifications the programme offers training towards the following:

- MCSA: Server 2016 is covered in the courses Directory Services, Network Services, Infrastructure Services and Systems Deployment.
- CompTIA Project+ is covered in the course IT Management

+ Pending NZQA approval

2018 start dates

- 5 February
- 12 March
- 16 April
- 21 May
- 25 June
- 30 July
- 3 September
- 8 October
- 12 November

Programme structure

This diploma is a 120 credit programme, consisting of eight x 15 credit courses. These courses start every five weeks. The first 20 working days are the study days on the course. The last five days will usually include a day each for revision and the final assessment, and days for study break.

Course Content

PROFESSIONAL PRACTICE

- Legal and regulatory considerations relevant to IT
- Ethical decision-making
- Professional conduct and codes of practice
- Personal effectiveness
- Information presentation techniques
- Business context of IT, information systems, initiation and management of IT projects

DIRECTORY SERVICES

- Directory services concepts and installation
- Directory services implementation
- Configuration management concepts and implementation
- Inter-organisational identity federation
- Information rights management
- System administration project

NETWORK SERVICES

- Public key infrastructure implementation
- DNS implementation
- DHCP and IP address management
- IPv4 and IPv6 addressing
- Servers and networks
- Investigate and research network load balancing
- Network connectivity
- Advanced network infrastructure

INFRASTRUCTURE SERVICES

- Storage solution technologies
- High availability management
- DFS implementation and management
- Remote access solutions
- System administration project

SYSTEMS DEPLOYMENT

- Network server installation
- Client operating system deployment
- Applications deployment
- Administer cloud applications
- Research and investigate cloud-based system management

MESSAGING AND COLLABORATION

- Messaging and collaboration system management
- Recipients management
- Client connectivity
- High availability and disaster recovery
- Message transport and security
- Cloud-based messaging and collaboration system management

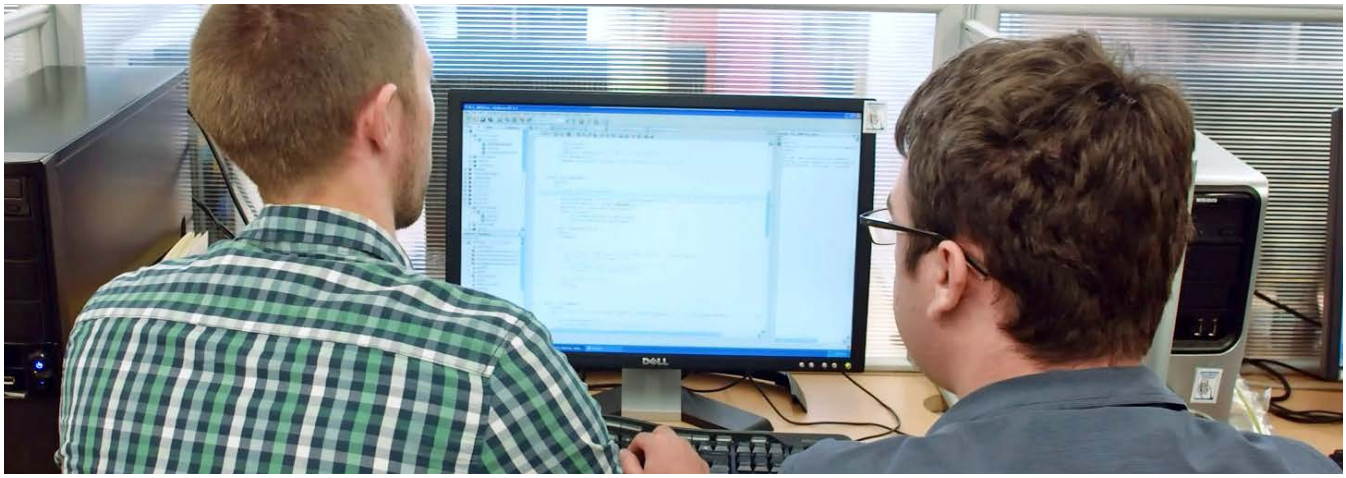
CLOUD INFRASTRUCTURE

- Server-based virtualisation implementation
- Containers
- Virtual machines
- Research and investigate cloud-based application services
- Cloud-based storage
- Cloud-based directory services
- Virtual networks

IT MANAGEMENT

- PMI project management concepts and framework
- Research and investigate PRINCE2
- IT service management framework
- IT service management plan
- Project plan

New Zealand Diploma in Software Development (L6)+



Programme Code	NZ2604
Duration Full-Time	68 weeks + 12 weeks study break. 20 hours on campus/week + 15 hours/week home study
Duration Part-Time	32 months + 24 weeks study break. 10 hours on campus/week + 7.5 hours/week home study
2018 Fees	Year 1: $6,601 + $500 Enrolment Fee Year 2: $6,825 Note: Course fees are FREE for first-time tertiary students

The aim of this new programme is to provide students with the opportunity to achieve a qualification in software development which meets industry needs for appropriately qualified information technology (IT) employees.

Career opportunities

Upon graduating you will be able to enter employment in development or testing roles, in a range of organisational contexts. These roles may require fundamental coding, scripting, and testing skills, and are less likely to require significant architecture and design skills.

You may also be employed in other roles that use programming skills, such as teaching, small business projects; or be self-employed.

Major qualification goals

Upon completion of this qualification, you will be able to:

- Analyse requirements, design and document software solutions for a range of problems in an organisational context.
- Write and maintain programs using design patterns, data structures and algorithms to meet specifications.
- Apply a range of software quality assurance techniques to verify correctness of systems.
- Apply data management and storage technologies to support the software application and the development process.
- Establish application security by integrating security principles throughout software development to ensure system integrity.
- Choose, justify and apply architecture, technologies, and tools, to implement the software solution.
- Apply IT technical support concepts and practice to manage hardware and software resources to meet organisational requirements in a software development context.
- Behave with integrity as a responsible Information Technology professional, to contribute positively to society.
- Apply communication, information design, personal, and interpersonal skills, clearly and professionally to enhance working effectiveness, efficiency, and quality outcomes in an organisational environment.
- Apply project management tools and techniques to an IT related project, to analyse and solve problems.

Entry requirements

A minimum of 42 credits at NCEA level 3, including 14 credits in Digital Technologies or Computing and a minimum of 10 credits in Mathematics and 10 credits in English at Level 2
or New Zealand Cert. in Information Technology Essentials (L4)
or New Zealand Certificate in Information Technology (L5)
or New Zealand Diploma in Web Development and Design (L5)
or Equivalent skills and knowledge. *If you do not have the above IT qualifications or equivalent you can take our online Skills and Knowledge Assessment. Contact us at info@cpp.ac.nz*

Programme structure

This diploma is a 240 credit programme, consisting of 14 x 15 credit courses and one x 30 credit project. These courses start every five weeks. The first 20 working days are the study days on the course. The last five days will usually include a day each for revision and the final assessment, and days for study break.

Course Content

IT SYSTEMS

- Hardware concepts and components
- Software components and configuration
- Operating system concepts and configuration
- IT support concepts
- Systems security concepts and tools

+ Pending NZQA approval

Start dates are the same as per our other NZ Diploma programmes

DATA HANDLING AND WEB CONCEPTS

- Data Modelling
- Structured Query Language (SQL)
- Web site design using HTML5 and CSS

PROFESSIONAL PRACTICE

- Legal and regulatory considerations relevant to IT
- Ethical decision-making
- Professional conduct and codes of practice
- Personal effectiveness
- Information presentation techniques
- Business context of IT, information systems, initiation and management of IT projects

PROGRAMMING PRINCIPLES

- Creating procedural and object oriented programs using Python
- Mathematical and logical concepts underpinning programming

BUSINESS ANALYSIS AND SOLUTION DESIGN

- Business process modelling
- Elicitation techniques
- Stakeholder interaction
- Requirements analysis
- Solution design
- User interface design

CLIENT-SIDE DEVELOPMENT

- Responsive design including user interface, HCI principles and universal accessibility
- Design principles
- Client side scripting
- Multimedia content development
- Use of frameworks or libraries

DATA STRUCTURES & ALGORITHMS

- Programming strategies (OO, functional programming, recursion, iteration, software design patterns, etc.)
- Abstract Data Types (e.g. trees, graphs, stack, queue) data structures (e.g. arrays, linked lists)
- Algorithms and their complexities (searching, sorting, graph traversal, etc.)
- Critical evaluation of appropriate structures, algorithms and patterns.

GAME DEVELOPMENT

- Principles of game design and development
- Common game development tools and technologies
- Game testing considerations and techniques
- Technology research and evaluation

APPLICATION SECURITY AND SERVER-SIDE DEVELOPMENT

- Application security principles including secure data access and protecting data and system integrity
- Server-side scripting (or using web framework)
- Technology research and evaluation

DATA ACCESS & MANAGEMENT

- Data access and storage technologies, data management
- Digital asset management
- NoSQL databases
- Human computer interaction (HCI) design
- User experience (UX) design
- Technology research and evaluation

WEB SERVICES

- Solution design
- Architecture, tools and framework selection
- Software architectural patterns e.g. Microservices, API Gateway, MVC, MVP, Layered architecture
- Service-oriented architectures
- Synchronous and asynchronous messaging
- Web services (e.g. using SOAP& XML)
- Application programming interfaces (API) using REST & JSON
- API management
- API security, including authentication, authorisation and threat protection
- Cloud computing concepts such as IaaS, PaaS, SaaS
- Technology research and evaluation

MOBILE DEVELOPMENT

- Principles of mobile computing
- Mobile application development architecture and design patterns
- Common mobile application development languages and technologies
- Mobile testing considerations and techniques
- Technology research and evaluation

SOFTWARE TESTING & MAINTENANCE

- Agile testing techniques
- Unit testing, integration testing, system testing
- Testing techniques such as white box, black box, boundary-value testing
- Test planning and management
- Test design and execution
- Test automation
- Version control
- Continuous integration
- Defect reporting, tracking and fixing
- Debugging
- Maintenance techniques
- Technical and user documentation
- Technology research and evaluation

AGILE PROJECT MANAGEMENT

- Project planning, management and control, including cost, risk, quality, stakeholder, change, configuration, contracts, and maintenance
- Agile project management, Scrum, Kanban
- Agile software development approaches, e.g. user stories, acceptance criteria, product backlog, sprints
- Software estimation methods, e.g. story points
- Documentation and reflection
- Concepts of innovation and enterprise, personal leadership and customer service

SOFTWARE PROJECT

- Project initiation and management
- Requirements elicitation, feasibility study, solution proposal
- System analysis, design, coding and testing
- Deployment, maintenance and evaluation
- Technology research and evaluation

Diploma in Advanced Network Engineering (L7)

Programme Code	PC111550
Duration Full-Time*	Up to 16 months – based on 25 hours on campus/week + 12.5 hours/week home study
Duration Part-Time*	Up to 33 months part-time – based on a minimum of 12 hours on campus/ week + 6 hours/week home study
2018 Fees	$10,404 + $500 Enrolment Fee

This is an advanced qualification for those seeking career advancement in the field of network design, installation, management and troubleshooting. It should appeal to those who wish to obtain multiple vendor certifications while achieving a widely recognised IT qualification.

What will I learn?

The qualification provides training in a range of skill sets. This includes the design, installation and management of computer networks and systems network security, troubleshooting, planning, implementation and maintenance of various networking technologies including Wi-Fi. It also includes training in virtualisation technologies and Exchange Server.

Industry certifications

For graduates pursuing industry certifications the programme offers training towards the following:

- CompTIA Security+
- Certified Wireless Technology Specialist
- MCTS: Configuring Windows
- MCSA: Windows Server

Entry Requirements

- Must have completed an IT Diploma at NZQA level 5 or higher equivalent.
- Undertake Computer Power Plus's Internal Aptitude (Entrance) Test and meet the required score level relevant to the qualification.

2018 start dates

- 5 February
- 12 March
- 16 April
- 21 May
- 25 June
- 30 July
- 3 September
- 8 October
- 12 November

Major qualification goals

Upon completion of this qualification, students will be able to:

- Complete computing tasks and functions in a number of operating system environments
- Configure and administer a local area network
- Troubleshoot and resolve network problems and manage network security
- Communication security, infrastructure security, cryptography, access control, authentication, hacking and operational security
- Understand and configure virtual machines
- Understand and configure Microsoft Exchange Server

Career opportunities

- Network Engineer
- Network Security Technician
- Technician
- Service Administration
- Network Administration
- Systems Support Service
- Second Level Hardware Support
- System Support
- Second Level Help Desk
- Self Employed
- Sales

Future Career Possibilities

- Network Manager
- Network Security Manager/ Professional
- Service Manager
- IT Manager

Programme Overview

COMPUTING AND PROFESSIONAL DEVELOPMENT

- Basics of the Windows operating system and the hardware of computers
- Goal setting and planning
- Time and personal resource management
- Communication skills and decision making
- Telephone and written communication skills

* Holidays and leave include annual and public holidays, and allowance for sickness & unforeseen circumstances

INTRODUCTION TO LINUX

- Gnome Desktop Environment
- File systems & directories
- Editors under Linux
- Shells, command files and processes
- LibreOffice applications

PROGRAMMING

- Write and test algorithms in pseudocode for structured, object oriented applications, for a variety of problems
- Introduction to Unified Modeling Language (UML)
- Introduction to Structured Query Language (SQL)

PROJECT MANAGEMENT

- Understand entire project life cycle from initiation and planning through execution, acceptance, support and closure

WINDOWS CLIENT

- Configure a Microsoft Windows operating system
- Introduction to computer and operating system virtualisation
- Install and configure Microsoft virtualisation software
- Create a virtualised operating system

WINDOWS SUPPORT

- Identify, manage, and resolve the issues of Windows operating system users
- Preparation towards the Microsoft certification exam: Windows, Enterprise Desktop Support Technician

WIRELESS TECHNOLOGY

- Wi-Fi Technology, standards and certifications
- Hardware and software
- Radio Frequency (RF) fundamentals
- Site surveying and installation
- Applications, support and troubleshooting
- Security and monitoring
- Preparation towards the CWTS Certified Wireless Technology Specialist external exam

SECURITY

- Monitoring networks
- Understanding devices
- Access control and authentication
- Protecting wireless networks
- Securing the cloud
- Host, data and application security
- Cryptography
- Malware and vulnerabilities
- Security administration
- Disaster recovery and incident response
- Preparation towards the CompTIA Security+ external exam

GROUP PROJECT

- Develop team building skills
- Prepare project reports

EXCHANGE SERVER

- Introduction to the fundamentals of Microsoft Exchange
- Install, configure, and manage Microsoft Exchange Server

CISCO NETWORKING

- Networking fundamentals
- IP addressing
- Network switching and routing protocols
- Cisco switches and LANs
- Cisco routers and routing
- Switching and routing troubleshooting

EMPLOYMENT PREPARATION

- Job market and job search strategies
- Matching skills with employer needs
- Market research
- Write applications that result in interviews
- Resumes
- Interview techniques
- Employment preparation workshop

MCSA: WINDOWS SERVER

- Installing and Configuring Windows Server
- Administering Windows Server
- Configuring Advanced Windows Server Services
- Preparation towards the Microsoft Certified Solutions Associate (MCSA) Windows Server external exams

Short Courses (ByteSize)

Looking to get an edge in the IT job market?

Whether you need to upskill as part of your professional development, to get back into the workforce, or want to complement your current skills, our selection of practical short courses are designed just for you.

The five short courses offer you a taste of our unique self-paced learning approach and one-on-one support from our experienced tutors.

You'll gain the applied knowledge and practical skills needed to succeed in your career. You'll learn from tailored study guides, case studies, real-life projects, and research and practical-based projects.

Please note that our ByteSize courses are not eligible for StudyLink Student Loans and Allowances, Recognised Prior Learning (RPL), cross credits, and Computer Power Plus's graduate job placement support.

Courses start weekly.

Visit our website for more course details, or talk to our friendly enrolment consultants.

Microsoft Office 2016 Skills (L4)

Duration*	up to 5 weeks full-time. up to 15 weeks part-time
Entry Requirements	NCEA Level 2 or equivalent
Fees**	$1125

Get comprehensive learning across the latest **Office 2016 suite**. Gain the application skills you need to do optimal work and to help you stay current with the changing office.

What will I learn?

- An understanding of the advanced concepts of document production using **Microsoft Word**. You'll learn to create, edit, format, save and print a wide range of well-presented documents.
- Advanced knowledge and skills to be able to use **Excel,** or any other spreadsheet application.
- The essentials of creating a presentation using presentation tools, specifically **Microsoft PowerPoint.**
- The essentials of working with e-mail as well as using an electronic calendar in **Outlook.**

Workplace Skills for Career Success (L4)

Duration*	up to 3 weeks full-time. up to 9 weeks part-time
Entry Requirements	NCEA Level 2 or equivalent
Fees**	$765

Develop your communication skills and confidence for your career success. Become more effective in a professional working environment in dealing with customer service related issues. Communication skills are delivered in a group environment and are highly interactive and based on proven techniques.

What will I learn?

- The strategies used to deal with the number of calls and the range of problems a Help Desk would encounter in real life, as well as the systems used to manage the vast amount of information.
- A more in-depth understanding of IT customer service so that you will become more effective in your professional working life.
- Time management and communication skills so you can develop your personal effectiveness. You will then practise these skills to meet the future needs of your studies and workplace environment once you gain employment.

Intro to Programming in C# (L5)

Duration*	up to 9 weeks full-time. up to 27 weeks part-time
Entry Requirements	New Zealand Certificate in Computing (Level 3) or equivalent
Fees**	$2095

This short course is an ideal skills enhancement solution for any programmer using the C# language. The course provides comprehensive learning from the fundamentals of programming to advanced C# programming skills and includes training in SQL.

What will I learn?

- An introduction to Structured Query Language, and the skills and knowledge to use Microsoft SQL Server.
- An introduction to the Microsoft Visual Studio IDE, along with C# language fundamentals. It also provides an introduction to Object-Oriented Programming using C#.
- C# programming skills using Visual Studio.
- Preparation towards the Microsoft external examination Programming in C# (70-483).

Computer Servicing Essentials (L5)

Duration*	up to 10 weeks full-time. up to 31 weeks part-time
Entry Requirements	Understanding of Windows configuration, and command line instructions
Fees**	$2936 (includes CompTIA A+ examination fees)

This short course will provide an experienced PC support professional with the knowledge to qualify as an A+ Service Technician. It also serves as an introduction to PC hardware and support skills for those considering Microsoft's MCP, MCSA and MCSE certifications.

What will I learn?

- The knowledge and skills to install a Windows operating system and configure the operating environment.
- A sound understanding of the main features of Linux from a user's perspective so students can apply the basic concepts to any UNIX system that they encounter in the business world.
- The competencies of an entry-level IT professional and preparation towards the CompTIA A+ external examinations.

Computer Networking Essentials (L5)

Duration*	up to 9 weeks full-time. up to 27 weeks part-time
Entry Requirements	New Zealand Certificate in Computing (Level 3) or equivalent
Fees**	$2568 (includes CompTIA Network+ examination fees)

This course is designed for computer users who need a thorough grounding in networking principles and components, and/or are planning to extend their career into a networking environment. It will give a good understanding of how network devices function as well as provide the knowledge required to be a network technician.

What will I learn?

- The skills and knowledge to be able to plan, install and manage a network operating system (Windows Server).
- How to install a server operating system and interact with a Windows client workstation, within a standard workstation environment.
- How network connectivity devices such as network cards, switches, bridges, routers and gateways and a wide range of other devices work.
- Network operating systems and protocols, including TCP/IP and its utilities, IP addressing, sub-netting, routing, DNS, and DHCP, network maintenance, security and troubleshooting.
- Preparation towards the CompTIA Network+ external examination.

* Full-time duration is based on 37.5 hours per week.

** **Fees** are inclusive of GST and include all institute based learning guides, texts and access to resources.

Graduate job placement support

With a proven track record of working with industry, Computer Power Plus is viewed as a reliable source of graduate talent by a multitude of New Zealand companies. Some of these companies include Vodafone, Fujitsu, Datacom, Dimension Data, MYOB and LANTech.

Frequently Asked Questions:

Q. How will you help me find work and do you guarantee that I will find an IT related position?

Computer Power Plus supports its graduates in learning how to be effective at finding employment within the IT industry. This includes goal setting, creating effective CVs and covering letters, networking opportunities so you can make industry contacts, interview skills and more. However, we cannot guarantee you will find employment, as much of your success depends on you—specifically your attitude and commitment to finding working in the IT industry. *(Note: If you enrol during one of our Guaranteed Job intakes in 2018, you will be refunded 100% of your second year course fees if you are not in an IT job within six months of graduating. Terms and conditions apply).*

Q. What companies can I work with upon completing training at Computer Power Plus?

Our graduates secure work in a range of companies throughout New Zealand. Today almost every company utilises information technology in the workplace. There is a high demand for qualified IT staff in a variety of industries including, Health & Medical, Education, Aviation, Government, Manufacturing, Retail, Hospitality, Legal, Accounting and Finance.

Q. What type of jobs can I get upon completion of my training with Computer Power Plus? Will it be relevant to what I have studied?

We will assist you to find employment in an IT-related position that suits your skills and knowledge. Computer Power Plus graduates obtain work in a broad spectrum of positions. Sometimes your interests, background and previous work skills can direct your career choices. Companies are interested in Computer Power Plus graduates for their skills in Programming, Web Development, Software Support, Technical Support, Network Administration, Help Desk, Training, Computer Maintenance, and much more.

Q. How do I become one of the many successful graduates who find work?

Your opportunities to apply the technical skills you have learned will depend very largely on your enthusiasm and how you approach your job search and the job itself. At Computer Power Plus, you will receive guidance on effective ways to approach these situations, and you may find how useful these principles can be in many other areas of activity, including study. Placement Assistance is a three-prong activity: 1) You look for employment, 2) We look together and 3) We look for you. Many graduates find jobs through their own efforts.

Q. How long will it take for me to find employment?

The length of time it takes graduates to find jobs varies from days to months. It tends to be dependent on a combination of job search strategy, planning during the course, the attitude of the graduate, performance at interviews, and the number of suitable vacancies available at that time of graduation. If you have some work experience (retail, customer service, hospitality, office and administration), then you will likely find a position faster than a graduate who has never had a job before.

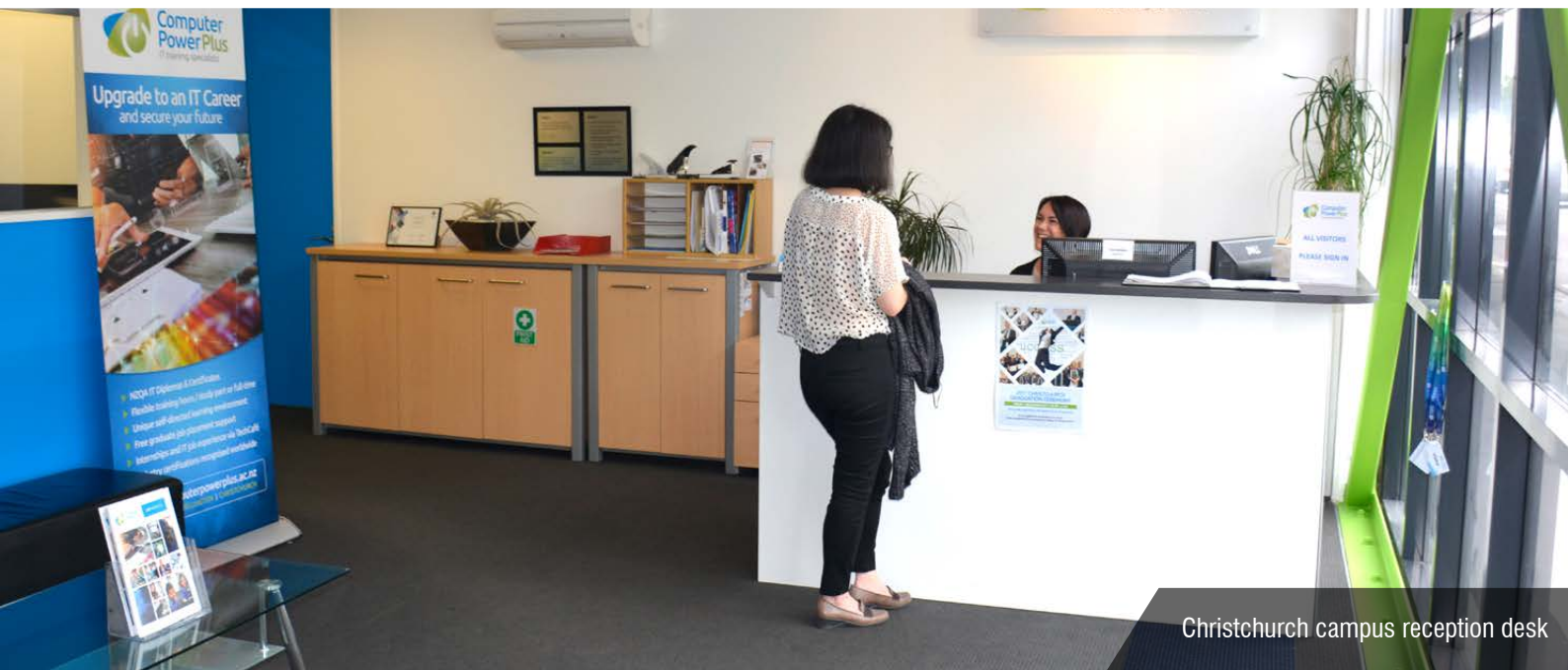
Q. What if I am a more mature graduate?

How quickly you find employment depends on your background and attitude. More mature candidates can bring transferable skills, knowledge and experience to their new employer. Over the years, many mature graduates have found jobs within the IT industry. Additionally, many mature graduates have succeeded in starting their own businesses.

"What really attracted me to Computer Power Plus was the flexible study shifts they offered. It meant I could come in early, finish early and be home for my two kids after school. I also liked being able to set my own goals with the self-paced learning model they use.

The employment preparation was also really helpful. It included working on my CV and going over the questions that you would get asked at interviews. This and the practical skills I gained from my course really helped in getting my job with Plunket."

Anahera Pine
IT Helpdesk, Plunket



Christchurch campus reception desk

General information

Enrolment

To enrol in any Computer Power Plus programme, simply book an appointment with one of our Enrolment Consultants who will assist you with the enrolment process. The Enrolment Consultant will discuss your career aspirations and work with you to determine the most suitable course to turn your dream of working in IT into reality. To book an appointment, call us on 0508 48 48 84 or complete our appointment booking form online on our website: www.computerpowerplus.ac.nz

Student Loans

As a result of our NZQA approved programmes of study, you may be eligible to apply for a student loan and/or a student allowance. Please contact your Studylink office regarding student living costs and allowances. The loan scheme is administered by the Ministry of Social Development and is structured in three parts:

1. Compulsory fees pays the full compulsory fees for your IT programme
2. Course-related costs up to a maximum of $1000 for full time students
3. Living costs up to a maximum of $176.86 per week

A student loan is a debt and must be repaid. For enquiries, please call Studylink on 0800 88 99 00.

Student Allowance

Eligibility for a Student Allowance is means tested. If you are under 25 years of age, eligibility will depend on the combined income of your parent(s) or guardian(s) or if you meet certain criteria of independence from your parent(s)/guardian(s). For further enquiries, contact Studylink on 0800 88 99 00 or visit www.studylink.govt.nz

Withdrawals & Refunds

Computer Power Plus refund policy complies with Section 235 of the Education Act 1989, for domestic students.

If you decide to withdraw after your enrolment has been completed, you will need to contact us to complete and sign a withdrawal form. All withdrawals will incur an administration fee of $500.

- Withdrawals before the programme starts or up to two weeks after the programme starts are eligible for a 100% fee refund.
- Withdrawals within two to four weeks of the programme start date are eligible for a 80% fee refund if programme is full year.
- Withdrawals after four weeks will forfeit all monies paid if programme is full year.
- Withdrawals after two weeks will forfeit all monies paid if programme is part year.

Fee Protection

Computer Power Plus has appointed Public Trust as trustee and fees will be held by Public Trust in a trust account to comply with the requirements of the Education Act 1989 (Act). Fees are paid from the trust account to Computer Power Plus in instalments over the duration of the programme that the student has enrolled in.

Method of Payment

- EFTPOS, MasterCard or Visa available.

Payment should be made before commencement of study.

Recognition of Prior Learning (RPL)

It is the policy of Computer Power Plus to give appropriate recognition to the prior learning of students obtained through work with the ICT industry or previous academic study.

You must submit an 'Application for RPL' to the Education Team Leader or Enrolment Consultant at the time of enrolment.

Your application must include evidence that your level of knowledge, skill or attributes equates to what would have been obtained had you formally completed the course or recognised qualification that you are seeking RPL for. Evidence may include a portfolio of your work demonstrating your knowledge, skills and abilities and the evidence of an appropriately qualified referee.

To assist in the decision making regarding the relevance of your skills and knowledge to the curriculum, the Education Team Leader may additionally ask you to undertake a written, practical or oral test, or to participate in a panel interview.

Credit Transfer

When you believe that you have competency in a specific Computer Power Plus course achieved through previous study, you should provide the Education Team Leader with a copy of the relevant Academic Transcript complete with course descriptions. Without this evidence, Computer Power Plus will be unable to recognise this competency and you will be required to undertake the course.

Where there is a direct link between the qualifications, credit transfer may be approved. In instances where Credit Transfer is approved, you will be exempt from the Computer Power Plus course. You will qualify for the Computer Power Plus qualification, providing you meet all other course requirements.

The following requirements apply:

- For our level 7 programmes, students are able to receive a maximum exemption of 20% (of total length of the qualification) for externally completed units courses/papers as RPLs or Credit Transfers. For our Level 5 and 6 programmes a maximum of two thirds of the programme may be credited by RPL and/or cross credit.
- There is no limit to the amount of credit transfers that can be granted for Computer Power Plus (CPP) graduates from previously completed CPP qualifications.

Applications must be received within four weeks of the commencement of your programme of study. Ideally they should be received before the programme starts.

Student Support Services

Computer Power Plus has Student Services staff members in each campus who can help you with academic progress, counselling, and welfare. You can arrange to contact our Student Support staff at any time during your studies with us.

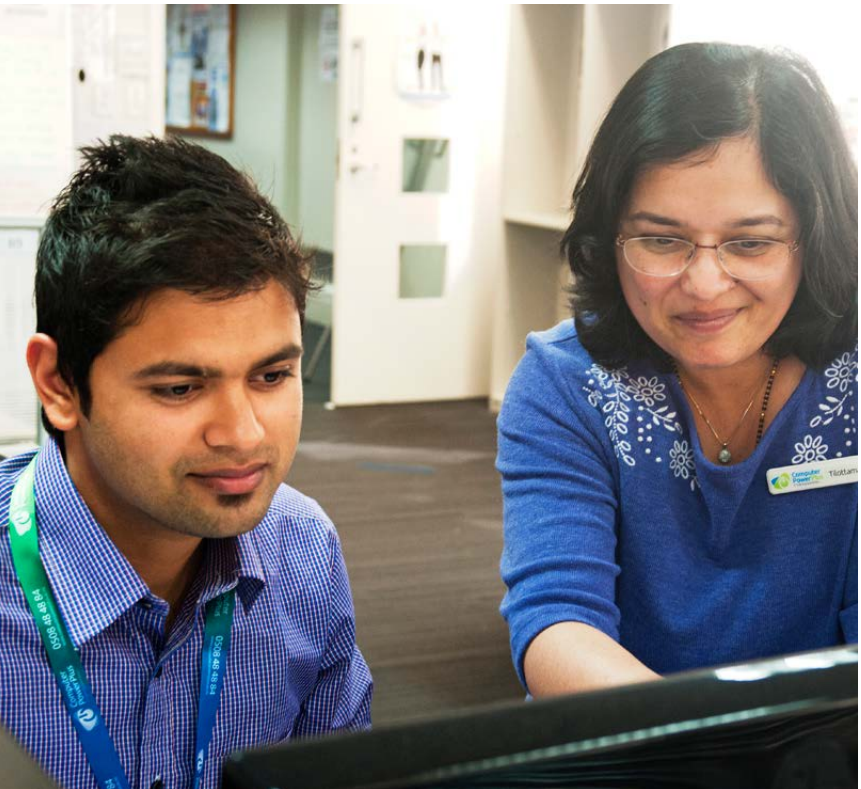


Photo by Duplico Media

Campus facilities and locations

Our Campuses

Computer Power Plus offers a broad range of IT courses at each of our three modern and centrally located campuses in Auckland, Wellington and Christchurch.

Learning Environment

Students undertake their studies in a large open learning environment. Each learning environment is set up with individual student workstations, equipped with personal computers all connected to a local area network. These desktop PCs are configured to allow delivery of learning materials, specific to each student's schedule, direct to the workstation.

- Auckland: 70 seat capacity
- Wellington: 80 seat capacity
- Christchurch: 50 seat capacity

Each individual workstation is set up with the objective of enabling students to undertake their study in a quiet and private space. This allows students to focus fully on their work objectives and to move as quickly and efficiently as possible through their studies.

Qualified and experienced tutors are present on all shifts (morning, afternoon and evening) to mentor and support students as they negotiate the learning challenges inherent to each programme of study.

Separate Hardware/Networking Lab

At each campus there is a separate lab set up for students studying computer hardware and networking. Each lab is a purpose designed and dedicated area to help students advance their skills and knowledge of different computer components, e.g. motherboards, RAM, CPU's, hard drives and network devices. The 'lab' provides a truly hands-on experience for students, where they learn to put theory into practice and become familiar with computer hardware and the various components as well as computer networking.

Learning Environment for Group Activities

Our courses often include group activities, which are undertaken in a separate area. Activities include:

- Student Orientation sessions, where students are introduced to the facilities and services of Computer Power Plus, and have the opportunity to meet other students also commencing their studies.
- Student group projects.

This space is also used for facilitated workshops which are tutor-led and may also involve guest speakers. Regular Computer Power Plus workshops include:

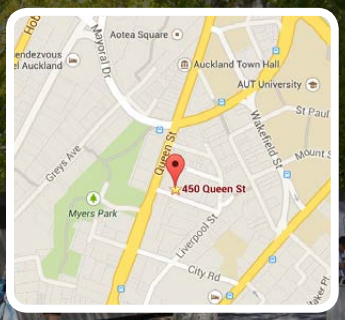
- Employment preparation workshops.
- Professional development programmes.

Student Breakout Area

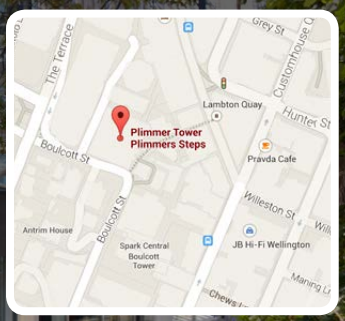
Our separate breakout area or common room provides students with an environment to take time out from their studies. This dedicated area gives students an opportunity to relax in a communal room for tea and coffee breaks, or for students undertaking evening study to have their evening meal. The facility is set up with tea and coffee making facilities and a microwave oven.

Employment preparation workshop at the Wellington Campus

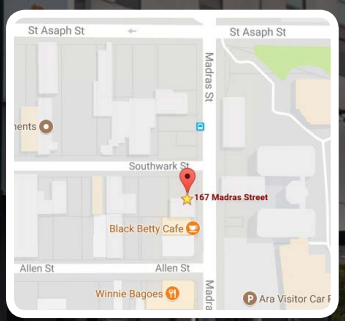
Auckland Campus
Level 4, 450 Queen St
Phone: 09 916 6640



Wellington Campus
Level 12, Plimmer Towers
Phone: 04 916 8050



Christchurch Campus
167 Madras Street
Phone: 03 963 0033



CONTACT US

Computer Power Plus
0508 48 48 84
info@cpp.ac.nz
www.computerpowerplus.ac.nz

www.facebook.com/ComputerPowerPlus
www.twitter.com/computerpowerNZ

Campus Locations

Auckland:	Level 4, 450 Queen Street
Wellington:	Level 12, Plimmer Towers 2-6 Gilmer Terrace
Christchurch:	167 Madras Street

Computer Power Plus
IT training specialists

CAMPUS STUDY SHIFTS*

	Session	Days	Time
Weekdays	Morning	Monday to Friday	7:30 am - 12:30 pm
	Afternoon	Monday to Friday	1.00 pm - 6.00 pm
	Evening	Monday to Thursday	6.00 pm - 10.00 pm
Saturday	Morning		8.00 am - 1.00 pm

* Auckland campus Saturday shift is 9.00 am to 1.00 pm
Christchurch campus does not have a Thursday evening shift.