



# Graduate Diploma in Information Assurance and Security (Level 7)

**Start Date:** February and July 2015

**Duration:** 34 Weeks full-time (Part-time options available)

**Location:** Petone

**Programme Code:** HV4378

**Fees:** \$17,500

Upgrade your career in Information Security and gain a comprehensive understanding of information security and maintenance. Learn how to integrate security policy, practices and technologies into operational structures and explore the principles of survivability and information assurance.

## PROGRAMME OVERVIEW

- > Gain a comprehensive understanding of information security and assurance within an enterprise system
- > Develop your ability to recognise and assess cyber threats and learn how to carry out incident response and digital forensic related activities
- > Learn the design requirements of secure systems and gain technical skills to conduct security tests against networks
- > Explore the importance of information security and the role it plays in the modern organisation

## ENTRY REQUIREMENTS

You will need to have a degree in Computer Science or in Information Technology, preferably with networking or equivalent practical, professional or educational experience in the IT industry as a Systems or Network Administrator.

If English is your second language, a minimum IELTS (Academic) score of 6 with no band score lower than 5.5, is required.

## PROGRAMME STRUCTURE

### Compulsory courses

CODE	COURSE	CREDIT
IA7301	Information Security and Assurance	15

### Elective courses\*

CODE	COURSE	CREDIT
IA7302	Information Assurance Networking Fundamentals	15
IA7303	Security Models and Architecture	15
IA7304	Survivable Functional Units	15
IA7305	Computer Crime and Digital Forensics	15
IA7306	Incident Response and Computer Security	15
IA7307	Cryptography and Security Mechanisms	15
IA7308	Security Testing and Network Defence	15
IA7309	Enterprise Data Storage Technologies	15



For complete course descriptions please refer to [www.weltec.ac.nz/it](http://www.weltec.ac.nz/it)

## CAREER OPPORTUNITIES

Excellent opportunities exist within the field of Information Security, including Computer Security Consulting, Forensic Investigation and Security Testing.

## WELTEC DISCLAIMER

The information contained in this Information Sheet describes the courses we intend to offer. The information is correct at the time of printing (March 2015). However, you should note that programmes and courses are subject to change as they are refined and developed, and are dependent on the availability of resources. In some cases the commencement and subsequent continuation of programmes and courses will be subject to final approval and the number of enrolment applications. WelTec reserves the right to change the content, location or method of presentation of any course or programme or to withdraw any qualification or part thereof, or impose limitations on enrolments where circumstances dictate.

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